



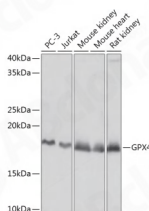
铁稳态与铁死亡 IRON HOMEOSTASIS & FERROPTOSIS

铁死亡是一种依赖于铁离子的程序性细胞死亡形式，是由于多种因素（如药物或基因因素）造成代谢过程的改变和过氧化脂质的积累，使细胞膜结构受损而引起。铁死亡的起始和执行受到多种分子机制的调控，大致可分为几类：A) 铁稳态调节；B) 氧化还原调节；C) GSH稳态调节；D) 脂类代谢调节；E) 糖类代谢调节；F) 线粒体功能调节。铁死亡与肿瘤、神经退行性疾病（如阿尔茨海默病、亨廷顿氏症和帕金森病）、卒中、脑创伤疾病、多种内脏器官缺血再灌注损伤、肝纤维化和急性肾损伤等多种病理过程相关，在植物的热应激过程中也有涉及。

明星产品

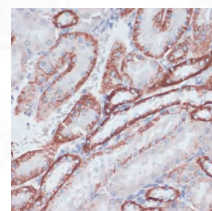
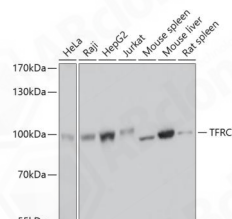
A11243 GPX4 Rabbit mAb

Applications:WB,IP
Reactivity:Human,Mouse,Rat



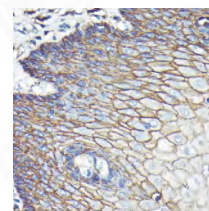
A5865 TFRC Rabbit pAb

Applications:WB,IHC,IF,IP Reactivity:Human,Mouse,Rat



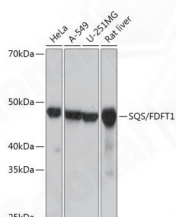
A19020 [KO Validated] CD44 Rabbit mAb

Applications:WB, IHC
Reactivity:Human



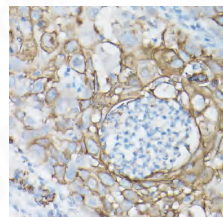
A4651 SQS/FDFT1 Rabbit mAb

Applications:WB
Reactivity:Human,Mouse,Rat



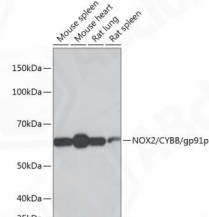
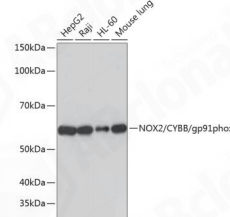
A19081 MUC1 Rabbit mAb

Applications:WB,IHC
Reactivity:Human,Mouse,Rat



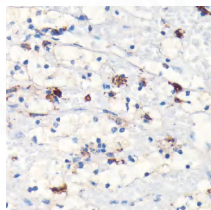
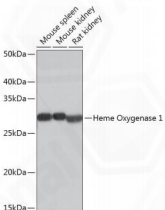
A19701 NOX2/CYBB/gp91phox Rabbit mAb

Applications:WB Reactivity:Human,Mouse,Rat



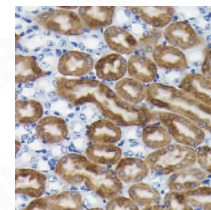
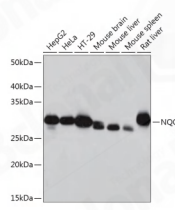
A19062 Heme Oxygenase 1 Rabbit mAb

Applications:WB,IHC Reactivity:Human,Mouse,Rat



A19586 NQO1 Rabbit mAb

Applications:WB,IHC,IP Reactivity:Human,Mouse,Rat



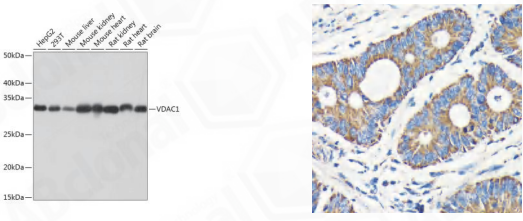
Iron Homeostasis & Ferroptosis

A19707

VDAC1 Rabbit mAb

Applications:WB,IHC,IF

Reactivity:Human,Mouse,Rat



Western blot analysis of extracts of various cell lines, using VDAC1 antibody (A19707) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

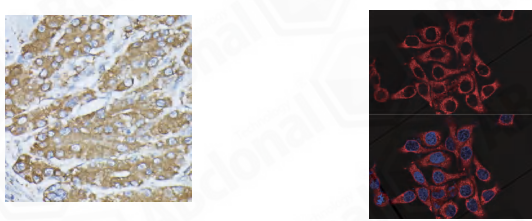
Immunohistochemistry of paraffin-embedded human colon carcinoma using VDAC1 antibody (A19707) at dilution of 1:100 (40x lens).

A0241

BiP/GRP78 Rabbit pAb

Applications:WB,IHC,IF

Reactivity:Human,Mouse,Rat



Immunohistochemistry of paraffin-embedded human liver cancer using BiP/GRP78 antibody (A0241) at dilution of 1:100 (40x lens).

Confocal immunofluorescence analysis of HeLa cells using BiP/GRP78 antibody (A0241) at dilution of 1:200. Blue: DAPI for nuclear staining.

铁稳态与铁死亡精选研究产品

分类	研究靶点	产品货号	产品名称	应用	反应种属
铁离子摄入与排出	TFRC	A5865	TFRC Rabbit pAb	WB,IHC,IF,IP	Human,Mouse,Rat
	Hepcidin	A1601	Hepcidin Rabbit pAb	WB	Human,Mouse
铁离子伴侣蛋白	PCBP1	A1044	hnRNP E1/PCBP1 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
	PCBP2	A2531	PCBP2 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
铁离子储存	FTH1	A19544	Ferritin Heavy Chain Rabbit mAb	WB	Human,Mouse,Rat
	FTL	A11241	Ferritin Light Chain Rabbit mAb	WB,IHC	Human,Mouse,Rat
铁离子调节蛋白	IRP1	A6008	IREB1 Rabbit pAb	WB,IHC	Mouse,Rat
	IRP2	A6382	IREB2 Rabbit pAb	WB,IF	Human,Mouse,Rat
	FBXL5	A5602	FBXL5 Rabbit pAb	WB,IHC	Human,Mouse,Rat
铁自噬	NCOA4	A5695	[KO Validated] NCOA4 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
转录因子	HIF	A16873	[KO Validated] HIF1 α Rabbit pAb	WB,IHC	Human,Mouse,Rat
		A19532	HIF1 β /ARNT Rabbit mAb	WB,IHC	Human
	NRF2	A11159	NRF2 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
		A19585	[KO Validated] p53 Rabbit mAb	WB	Human
		A5761	[KO Validated] p53 Rabbit pAb	WB,IHC,IP,ChIP	Human,Mouse,Rat
氧化还原调节	GPX4	A11243	GPX4 Rabbit mAb	WB,IP	Human,Mouse,Rat
	NQO1	A19586	NQO1 Rabbit mAb	WB,IHC,IP	Human,Mouse,Rat
	HO-1	A19062	Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb	WB,IHC	Human,Mouse,Rat
	ALOXs	A2158	ALOX5 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
	PEBP1	A12768	PEBP1 Rabbit mAb	WB	Human,Mouse,Rat
	DPP4/CD26	A4252	CD26/DPP4 Rabbit mAb	WB	Human,Mouse,Rat
	NOXs	A19701	NOX2/gp91phox Rabbit mAb	WB	Human,Mouse,Rat
		A11274	[KO Validated] NOX4 Rabbit pAb	WB,IHC	Human,Mouse,Rat
GSH 稳态调节	SLC7A11	A13685	SLC7A11/xCT Rabbit pAb	WB	Human,Mouse,Rat
	GCLC	A4499	GCLC Rabbit mAb	WB,IHC	Human,Rat
	GCLM	A13989	GCLM Rabbit pAb	WB,IHC	Human,Mouse
	CBS	A11612	CBS Rabbit mAb	WB,IHC,IF	Human,Mouse,Rat
脂类代谢调节	CS	A5713	CS Rabbit pAb	WB,IF	Human,Mouse,Rat
	ACACA	A15606	acetyl-ACC1 Rabbit pAb	WB,IF	Human,Mouse,Rat
甲基戊酸 (MVA) 途径	HMGCR	A19063	HMGCR Rabbit mAb	WB	Human,Mouse,Rat
	SQS/FDFT1	A4651	SQS/FDFT1 Rabbit mAb	WB	Human,Mouse,Rat
糖类代谢调节	PHGDH	A19974	[KO Validated] PHGDH Rabbit pAb	WB,IF	Human,Mouse,Rat
	G6PD	A11234	G6PD Rabbit mAb	WB	Human
热休克蛋白	GRP78/BiP	A0241	BiP/GRP78 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
	HSPB1	A16332	[KO Validated] HSP27/HSPB1 Rabbit pAb	WB,IHC,IF	Human,Mouse,Rat
DNA 损伤相关	FANCD2	A18055	[KO Validated] FANCD2 Rabbit pAb	WB,IF	Human
线粒体功能调节	VDAC1	A19707	VDAC1 Rabbit mAb	WB,IHC,IF	Human,Mouse,Rat
	VDAC2	A18683	VDAC2 Rabbit pAb	WB,IF	Human,Mouse,Rat