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DPEP1 Rabbit mAb

Catalog No.: A28694 Recombinant

Basic Information

Observed MW
40 kDa(non-glycosylated)/58 kDa(glycosylated)

Calculated MW
46kDa

Category
Primary antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human

CloneNo number
ARC81849

Background

The protein encoded by this gene is a kidney membrane enzyme involved in the metabolism of glutathione and other similar proteins by dipeptide hydrolysis. The encoded protein is known to regulate leukotriene activity by catalyzing the conversion of leukotriene D4 to leukotriene E4. This protein uses zinc as a cofactor and acts as a disulfide-linked homodimer.

Recommended Dilutions

WB	1:2000 - 1:15000
IHC-P	1:10000 - 1:40000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)

Immunogen Information

Gene ID
1800

Swiss Prot
P16444

Immunogen
This information is considered to be commercially sensitive.

Synonyms
MDP; RDP; MBD1

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

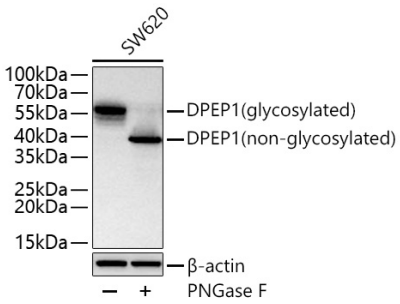
Source
Rabbit

Isotype
IgG

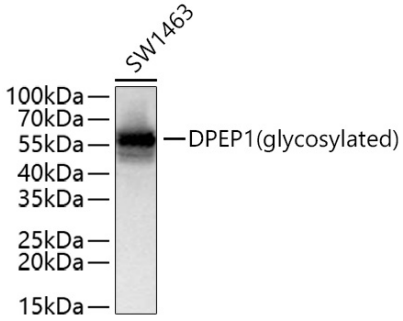
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

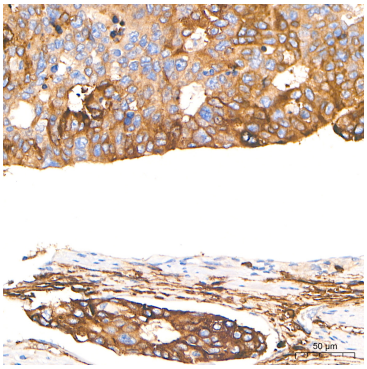
Validation Data



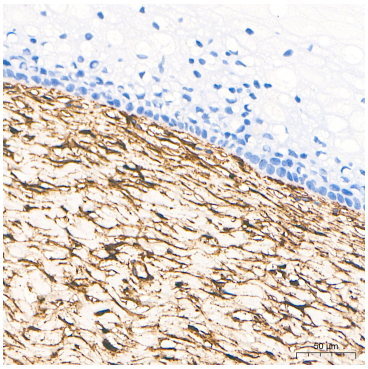
Western blot analysis of lysates from SW620 cells using DPEP1 Rabbit mAb (A28694) at 1:5000 dilution incubated overnight at 4℃. SW620 cells were treated with PNGase F (2 U/μL) at 37℃ for 1 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.



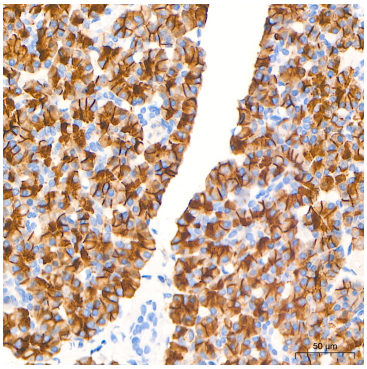
Western blot analysis of lysates from SW1463 cells using DPEP1 Rabbit mAb (A28694) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using DPEP1 Rabbit mAb (A28694) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human cervix tissue using DPEP1 Rabbit mAb (A28694) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using DPEP1 Rabbit mAb (A28694) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.