

Heparanase 1 Rabbit mAb

Catalog No.: A29270 **Recombinant**

Basic Information

Observed MW

50 kDa

Calculated MW

42-61 kDa

Category

Primary antibody

Applications

WB, IP, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3813

Background

Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix. The protein encoded by this gene is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In addition, this cleavage can release bioactive molecules from the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:2000 - 1:5000

IP 0.5 µg - 4 µg antibody for
400 µg - 600 µg extracts of
whole cells

IHC-P 1:100 - 1:400

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions ($\geq 1:10000$) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Immunogen Information

Gene ID

10855

Swiss Prot

Q9Y251

Immunogen

This information is considered to be commercially sensitive.

Synonyms

HPA; HPA1; HPR1; HSE1; HPSE1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

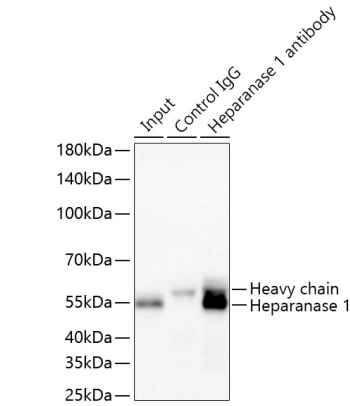
Contact

☎ | 400-999-6126

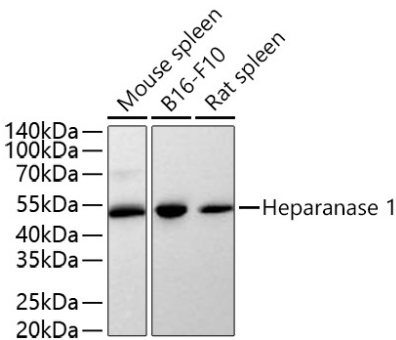
✉ | cn.market@abclonal.com.cn

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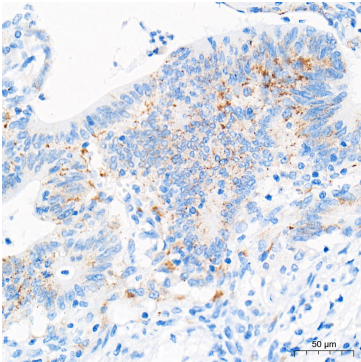
Validation Data



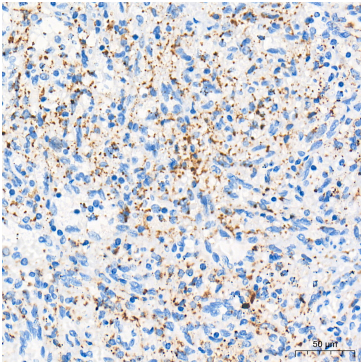
Immunoprecipitation of Heparanase 1 from 600 µg extracts of Rat spleen tissue was performed using 2 µg of Heparanase 1 Rabbit mAb (A29270). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:5000.



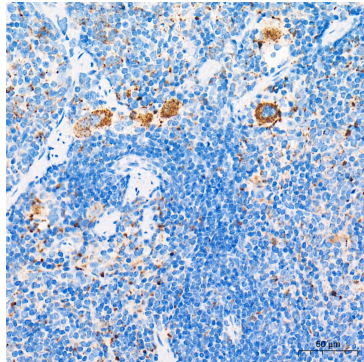
Western blot analysis of various lysates using Heparanase 1 Rabbit mAb (A29270) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

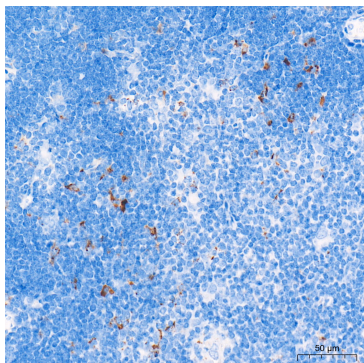


Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

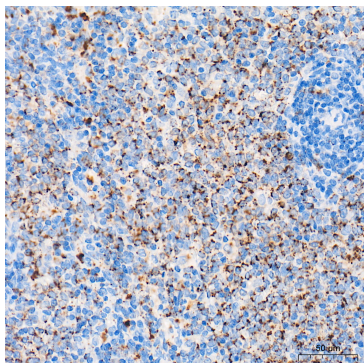


Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

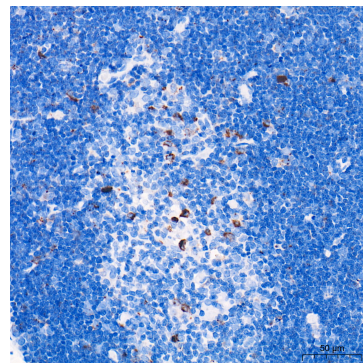
Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (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 Rat spleen tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (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 Rat thymus tissue using Heparanase 1 Rabbit mAb (A29270) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.