

Rabbit anti-Human Heparanase (HPA) Polyclonal Antibody | anti-HPA antibody

Polyclonal Antibody to Heparanase (HPA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132450	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Heparanase (HPA); Polyclonal Antibody; Polyclonal Antibody to Heparanase (HPA); anti-HPA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HPA. It has been selected for its ability to recognize HPA in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-QAQDVVDL DFFTQEPLHL VSPSFLSVTI DANLATDPRF LILLGSPKLR TLARGLSPAY LRFGGKTDF LIFDPKKEST FEER
Sequence Length	543
Applicable Applications for anti-HPA antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant HPA (Gln34~Arg115) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: HPA knockout HepG2 cell lysate; Predicted MW: 43,53,55,61kd Observed MW: 68kd Primary Ab: 1ug/ml Rabbit Anti-Human HPA Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Spleen tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant HPA, Human.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Human Hela Cells; Lane2: Human HepG2 Cells; Lane3: Human Liver Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HPA antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148746204
NCBI GeneID	10855
NCBI Accession #	NP_001092010.1
NCBI GenBank Nucleotide #	NM_001098540.2
UniProt Accession #	Q9Y251; Q53GE5; Q9UL39; A9JIG7; C7F7I3; C7F7I4; E9PCA9; E9PGR1
Molecular Weight	42,791 Da
NCBI Official Full Name	heparanase isoform 1 preproprotein
NCBI Official Synonym Full Names	heparanase
NCBI Official Symbol	HPSE
NCBI Official Synonym Symbols	HPA; HPA1; HPR1; HSE1; HPSE1
NCBI Protein Information	heparanase
UniProt Protein Name	Heparanase
UniProt Gene Name	HPSE
UniProt Synonym Gene Names	HEP; HPA; HPA1; HPR1; HPSE1; HSE1; Hpa1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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