

## Anti-Heparanase Antibody (9P618)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	9P618
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of Heparanase 1 expression in K562 cell lysate.
Application:	IP,WB
Recommended	IP: 1:20-1:50; WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human Heparanase
Synonyms:	Heparanase1;Hpa1 HPR1;HPA;HEP;Hpa 1;HPSE1;HSE1

### Research Background

Endoglycosidase that cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Participates in extracellular matrix (ECM) degradation and remodeling. Selectively cleaves the linkage between a glucuronic acid unit and an N-sulfo glucosamine unit carrying either a 3-O-sulfo or a 6-O-sulfo group. Can also cleave the linkage between a glucuronic acid unit and an N-sulfo glucosamine unit carrying a 2-O-sulfo group, but not linkages between a glucuronic acid unit and a 2-O-sulfated iduronic acid moiety.

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