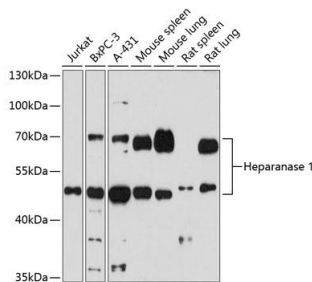


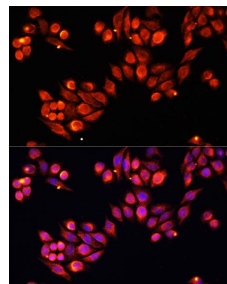
Cat. No: AB-84148
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb
Isotype: IgG
Immunogen: Recombinant protein of human Heparanase 1
Reactivity: Hu, Ms, Rt
Applications: Western Blot: 1:500 - 1:1000
 Immunohistochemistry: 1:50 - 1:100
 Immunofluorescence: 1:50 - 1:100
Molecular Weight: 50kDa/65kDa
Purification: Aff. Pur.
Synonyms: HPSE; HPA; HPA1; HPR1; HPSE1; HSE1; heparinase

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.

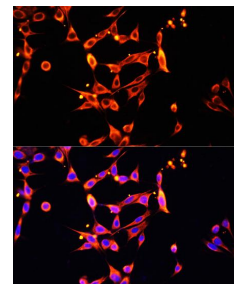
Form: Liquid
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage: Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cells, using Heparanase 1 antibody at 1:1000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
 Lysates/proteins: 25ug per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit.
 Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using Heparanase 1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Heparanase 1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**For Research use only
IMMUNOLOGICAL SCIENCES**