

HPSE2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15285

Specification

HPSE2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O8WWQ2
Other Accession	NM_001166245 , NP_001159717
Reactivity	Human, Mouse, Dog
Predicted	Human, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

HPSE2 Antibody - N-terminal region - Additional Information

Gene ID 60495

Alias Symbol [FLJ11684](#), [FLJ44022](#), [HPA2](#), [HPR2](#), [MGC133234](#)

Other Names

Inactive heparanase-2, Hpa2, HPSE2, HPA2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HPSE2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HPSE2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HPSE2 Antibody - N-terminal region - Protein Information

Name HPSE2

Synonyms HPA2

Function

Binds heparin and heparan sulfate with high affinity, but lacks heparanase activity. Inhibits HPSE, possibly by competing for its substrates (in vitro).

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

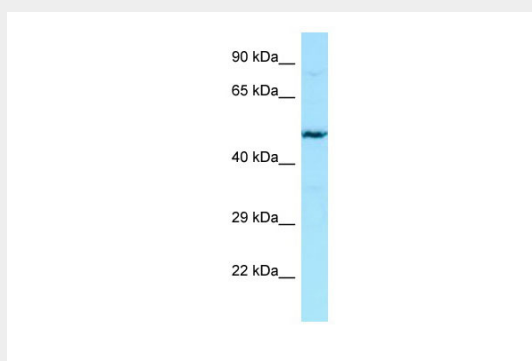
Widely expressed, with the highest expression in brain, mammary gland, prostate, small intestine, testis and uterus. In the central nervous system, expressed in the spinal chord, caudate nucleus, thalamus, substantia nigra, medulla oblongata, putamen and pons. In the urinary bladder, expressed in longitudinal and circular layers of detrusor muscle. Found both in normal and cancer tissues

HPSE2 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HPSE2 Antibody - N-terminal region - Images



WB Suggested Anti-HPSE2 Antibody Titration: 1.0 μ g/ml
Positive Control: Jurkat Whole Cell

HPSE2 Antibody - N-terminal region - References

- McKenzie E., et al. *Biochem. Biophys. Res. Commun.* 276:1170-1177(2000).
Legoux P., et al. Submitted (JAN-2002) to the EMBL/GenBank/DDBJ databases.
Deloukas P., et al. *Nature* 429:375-381(2004).
Pang J., et al. *Am. J. Hum. Genet.* 86:957-962(2010).
Pang J., et al. *Am. J. Hum. Genet.* 87:161-161(2010).