

Product Datasheet

ADAMTS4 Antibody - BSA Free NBP1-54369

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-54369

ADAMTS4 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	37 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	9507
Gene Symbol	ADAMTS4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:31830525).
Immunogen	Synthetic peptides corresponding to ADAMTS4(ADAM metallopeptidase with thrombospondin type 1 motif, 4) The peptide sequence was selected from the N terminal of ADAMTS4 (AAH30812). Peptide sequence GVQVEGLTVQYLGQAPELLGGAEPGTYLTGTINGDPESVASLHWDGGALL. The peptide sequence for this immunogen was taken from within the described region.

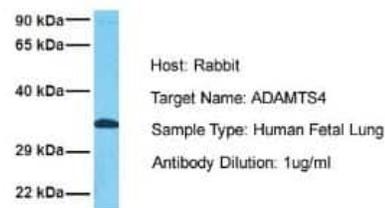
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 4-8 ug/ml



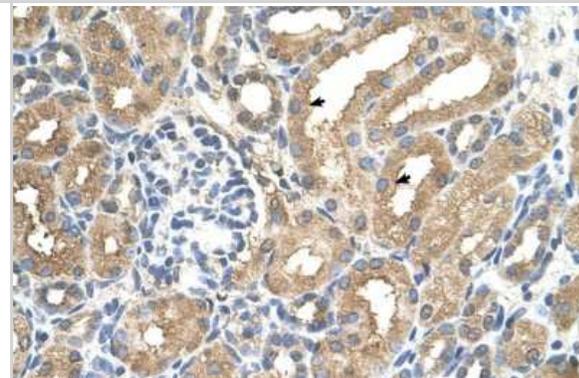
Images

Western Blot: ADAMTS4 Antibody [NBP1-54369] - Sample Tissue:
Human Fetal Lung Antibody Dilution: 1.0 ug/ml

ADAMTS4



Immunohistochemistry-Paraffin: ADAMTS4 Antibody [NBP1-54369] -
Human kidney Tissue, antibody concentration 4-8ug/ml. Cells with
positive label: renal corpuscle cells (indicated with arrows) 400X
magnification.



Western Blot: ADAMTS4 Antibody [NBP1-54369] - HepG2 cell lysate,
Antibody Titration: 0.2-1 ug/ml



Publications

Tatar M, Uslu S, Öner J Expression of placental growth factor and a disintegrin and metalloprotease with a thrombospondin type motifs 1-4-8 during the three trimesters of rat pregnancy at the maternal-fetal interface *Anatomia, histologia, embryologia* 2023-07-09 [PMID: 37424113]

Gagliardi F, Narayanan A, Gallotti AL, et al. Enhanced SPARCL1 expression in cancer stem cells improves preclinical modeling of glioblastoma by promoting both tumor infiltration and angiogenesis *Neurobiol. Dis.* 2019-12-10 [PMID: 31830525] (WB, Mouse)



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Products Related to NBP1-54369

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57839PEP	ADAMTS4 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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