

GPBP1 Rabbit pAb

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Catalog # AP55187

Product Information

Application	WB
Primary Accession	Q86WP2
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53339
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPBP1/Vasculin
Epitope Specificity	11-110/473
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Cytoplasm. According to PubMed:12842993, it localizes to the cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Vascular wall-linked protein, or Vasculin, is primarily expressed in the arterial wall and in plasma. It is also differentially expressed in human atherogenesis. Alternative splicing of exon 3 of the Vasculin gene produces three variants. Vasculin binds to and activates the minimal self-sufficient promoter element (MSPE) of the mouse Ada gene promoter and binds to and partially suppresses the GC-rich promoter of the nonhomologous human TOP2A gene promoter. It acts as a nuclear factor that can form complexes with TATA-binding proteins, transcription factors TFIIB and TFIIF, RNA polymerase II and p300. The regulated expression of Vasculin in plaques suggests that it may be involved in atherogenesis, and its presence in plasma may implicate Vasculin as a marker for atherosclerosis.

Additional Information

Gene ID	65056
Other Names	Vasculin, GC-rich promoter-binding protein 1, Vascular wall-linked protein, GPBP1, GPBP, SSH6
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

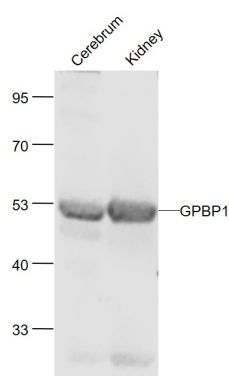
Protein Information

Name	GPBP1
Synonyms	GPBP, SSH6
Function	Functions as a GC-rich promoter-specific transactivating transcription factor.
Cellular Location	Nucleus. Cytoplasm. Note=According to PubMed:12842993, it localizes to the cytoplasm.
Tissue Location	Widely expressed. Some isoforms may be specifically expressed in veins and arteries (at protein level). Isoform 4 is widely expressed. Isoform 1, isoform 2 and isoform 3 may be specifically expressed in vascular smooth muscle cells

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Images



Sample: Cerebrum (Mouse) Lysate at 40 ug Kidney (Mouse) Lysate at 40 ug Primary: Anti-GPBP1 (AP55187) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD

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