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Datasheet for ABIN1711707

anti-GC-Rich Promoter Binding Protein 1 (GPBP1) (AA 11-110) antibody (HRP)

Overview

Quantity:	100 µL
Target:	GC-Rich Promoter Binding Protein 1 (GPBP1)
Binding Specificity:	AA 11-110
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPBP1/Vasculin
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GC-Rich Promoter Binding Protein 1 (GPBP1)
Alternative Name:	GPBP1/Vasculin (GPBP1 Products)

Target Details

Background: Synonyms: DKFZp761C169, GC rich promoter binding protein 1, GC-rich promoter-binding protein 1, GPBP, Gbbp1, GPBP1_HUMAN, MGC126339, SSH6, Vascular wall linked, Vascular wall-linked protein, Vasculin.

Background: 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.

Gene ID: 65056

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months