

Product Datasheet

SDPR Antibody - Azide and BSA Free NBP1-44090

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-44090

SDPR Antibody - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 50% (v/v) Glycerol

Product Description

Description	<p>This antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	8436
Gene Symbol	CAVIN2
Species	Human
Reactivity Notes	Cross-reactivity with SDPR from other sources has not been determined
Immunogen	SDPR Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminal region of human SDPR. (Uniprot: O95810)

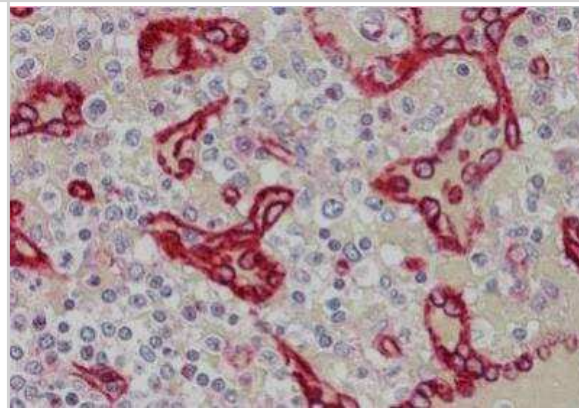
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:20000-1:60000, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen
Application Notes	<p>This product is tested in ELISA and Immunostaining and useful for Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~40.5 kDa corresponding to the appropriate cell lysate or extract.</p> <p>Use in IHC-Fr reported in scientific literature (PMID:34228647).</p>



Images

Immunohistochemistry: SDPR Antibody [NBP1-44090] - Tissue: Spleen.
Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Incubated with 5 ug/mL for 1 h at RT.



Publications

Xie Y, He L, Lugano R Et Al. Key molecular alterations in endothelial cells in human glioblastoma uncovered through single-cell RNA sequencing JCI insight 2021-07-06 [PMID: 34228647] (IHC-Fr, IHC-P)

Bastiani M, Liu L, Hill MM et al. MURC/Cavin-4 and cavin family members form tissue-specific caveolar complexes. J Cell Biol 2009-06-01 [PMID: 19546242]

Hill MM, Bastiani M, Luetterforst R, Kirkham M, Kirkham A, Nixon SJ, Walser P, Abankwa D, Oorschot VM, Martin S, Hancock JF, Parton RG, PTRF-Cavin. a conserved cytoplasmic protein required for caveola formation and function. Cell 2008-01-11 [PMID: 18191225]



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Products Related to NBP1-44090

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008436-P01-10ug	Recombinant Human SDPR GST (N-Term) Protein

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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