

Rabbit GPR98 / VLGR1 Polyclonal Antibody | anti-GPR98 antibody

Rabbit Polyclonal to Human GPR98 / VLGR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52283	Rabbit	Human, Horse Predicted Reactivity: Monkey, Bat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GPR98 / VLGR1; Polyclonal Antibody; Rabbit Polyclonal to Human GPR98 / VLGR1; Anti-GPR98 / VLGR1 Antibody (N-Terminus) IHC-plus; GPR98; FEB4; KIAA0686; G-protein coupled receptor 98; MASS1; VLGR1b; Usher syndrome type-2C protein; USH2B; USH2C; G protein-coupled receptor 98; KIAA1943; VLGR1; Human GPR98; anti-GPR98 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Horse Predicted Reactivity: Monkey, Bat
Clonality	Polyclonal
Specificity	Human GPR98. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	6306
Applicable Applications for anti-GPR98 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen Type	Synthetic peptide
Immunogen Species	Human
Immunogen	GPR98 / VLGR1 antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human GPR98. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Horse (100%); Monkey, Bat, Elephant (95%); Hamster (89%); Mouse (84%).
Epitope	N-Terminus
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store undiluted at -20°C or below for up to one year. Can be stored undiluted at 4°C for up to one month. Avoid freeze-thaw cycles.

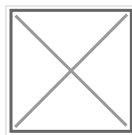
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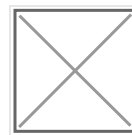
IHC (Immunohistochemistry)
Anti-GPR98 / VLGR1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemisry)
Anti-GPR98 antibody IHC of human kidney, renal tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-GPR98 / VLGR1 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-GPR98 / VLGR1 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GPR98 antibody

Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	113722120
NCBI GeneID	84059
NCBI Accession #	NP_115495.3
NCBI GenBank Nucleotide #	NM_032119.3
UniProt Accession #	Q8WXG9; O75171; Q8TF58; Q9H0X5; Q9UL61
Molecular Weight	162,038 Da
NCBI Official Full Name	G-protein coupled receptor 98
NCBI Official Synonym Full Names	G protein-coupled receptor 98
NCBI Official Symbol	GPR98
NCBI Official Synonym Symbols	FEB4; MASS1; USH2B; USH2C; VLGR1; VLGR1b
NCBI Protein Information	G-protein coupled receptor 98; usher syndrome type-2C protein; very large G protein-coupled receptor 1; very large G-protein coupled receptor 1; monogenic, audiogenic seizure susceptibility 1 homolog; monogenic audiogenic seizure susceptibility protein 1 homolog
UniProt Protein Name	G-protein coupled receptor 98
UniProt Gene Name	GPR98
UniProt Synonym Gene Names	KIAA0686; KIAA1943; MASS1; VLGR1
UniProt Entry Name	GPR98_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpr98-vlgr1-antibody-western-blot-immunohistochemistry-elisa/52283>