



Anti-USH2A (aa 280-302) polyclonal antibody (CABT-BL3746)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic cyclic peptide: LTN REI LEV FSG DLL RLH AQS HC, corresponding to internal/mid region amino acids 280-302 of human USH2A.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP
Cellular Localization	Cell Membrane; single-pass type I membrane protein. Isoform 2 is secreted.
Format	Liquid
Buffer	Antibody stabilization buffer, with preservatives, consisting of Hepes, NaCl, KCl, glycerol, BSA and chaotropic agents. Preservative: 0.01% Thimerosal (merthiolate)
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	This gene encodes a protein that contains laminin EGF motifs, a pentaxin domain, and many fibronectin type III motifs. The protein is found in the basement membrane, and may be
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important in development and homeostasis of the inner ear and retina. Mutations within this gene have been associated with Usher syndrome type IIa and retinitis pigmentosa. Multiple transcript variants encoding different isoforms have been found for this gene.

GENE INFORMATION

Entrez Gene ID	7399
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Protein Refseq	NP_009054
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UniProt ID	O75445
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