

USH2A blocking peptide

USH2A Blocking Peptide

CATALOG # AAA330070	APPLICATIONS Blocking
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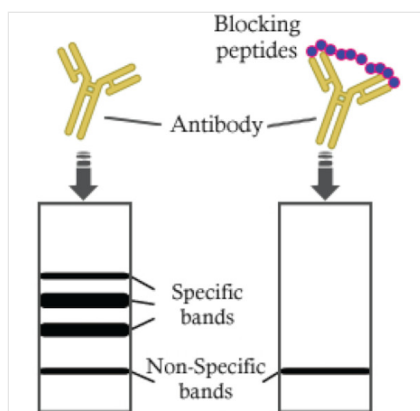
PRODUCT SYNONYMS

USH2A; USH2A Blocking Peptide; dJ1111A8.1; US2; Usher syndrome type 2A protein; Usher syndrome type IIa protein; Usherin; USH2A blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%, tested by HPLC and MS.
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as apowder.
Applicable Applications for USH2A blocking peptide	Blocking
Function	Blocking peptides are peptides that bind specifically to the target antibody andblock antibody binding. These peptide usually contains the epitope recognizedby the antibody. Antibodies bound to the blocking peptide no longer bind to theepitope on the target protein. This mechanism is useful when non-specificbinding is an issue, for example, in Western blotting (immunoblot) andimmunohistochemistry (IHC). By comparing the staining from the blockedantibody versus the antibody alone, one can see which staining is specific;Specific binding will be absent from the western blot or immunostainingperformed with the neutralized antibody.
Reconstitution	Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Preparation and Storage	Storage Maintain refrigerated at 2-8°C for up to 6 months. For long termstorage store at -20°C.

IMAGES



Application Data

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842259
NCBI GeneID	7399
NCBI Accession #	NP_009054.5
NCBI GenBank Nucleotide #	NM_007123.5

UniProt Accession #	O75445; Q5VVM9; Q6S362; Q9NS27
NCBI Official Full Name	usherin isoform A
NCBI Official Synonym Full Names	usherin
NCBI Official Symbol	USH2A
NCBI Official Synonym Symbols	US2; RP39; USH2; dJ11111A8.1
NCBI Protein Information	usherin
UniProt Protein Name	Usherin
UniProt Gene Name	USH2A
UniProt Entry Name	USH2A_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/blocking-peptide/ush2a/330070>