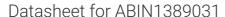
antibodies - online.com







anti-OTOA antibody (AA 231-330) (Biotin)



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Quantity:	100 μL
Target:	ОТОА
Binding Specificity:	AA 231-330
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTOA antibody is conjugated to Biotin
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 OTOA/DFNB22
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	OTOA
Alternative Name:	OTOA/DFNB22 (OTOA Products)

Target Details

Background:	Synonyms: Cancer/testis antigen 108, CT108, Deafness, autosomal recessive 22, DFNB22,
	OTOA, OTOAN_HUMAN, Otoancorin.
	Background: Otoancorin, also known as OTOA, CT108 or DFNB22, is a 1,153 amino acid protein
	belonging to the stereocilin family. Expressed in the inner ear and restricted to the interface
	between the apical surface of sensory epithelia, otoancorin is suggested to act as an adhesion
	molecule. Otoancorin ensures the attachment of the inner ear acellular gels to the apical
	surface of the underlying nonsensory cells. Mutations in the gene encoding otoancorin leads to
	deafness autosomal recessive type 22 (DFNB22), which is a form of sensorineural hearing loss.
	Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve
	pathways to the brain or the area of the brain that receives sound information. Existing as three
	alternatively spliced isoforms, otoancorin is encoded by a gene located on human chromosome
	16p12.2.
Gene ID:	146183
UniProt:	Q7RTW8
Pathways:	Sensory Perception of Sound
Application Details	
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.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months