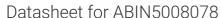
antibodies -online.com





anti-OTOA antibody (AA 231-330) (Alexa Fluor 750)



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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 Alexa Fluor 750	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

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:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months