antibodies - online.com







anti-MREG antibody (AA 101-200)



\sim			
	N/P	r\/	i⊢₩

Quantity:	100 μL
Target:	MREG
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MREG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DSU
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

|--|

Target Details

Alternative Name:	DSU (MREG Products)	
Background:	Synonyms: Dilute suppressor, Dilute suppressor protein homolog, DSU, FLJ10116,	
	MREG_HUMAN, Melanoregulin, MGC90296, MREG, OTTHUMP00000206794,	
	OTTHUMP00000206795, OTTHUMP0000206796, WDT 2, WDT2, Whn dependent transcript 2	
	Background: The photoreceptor rod cell that is responsible for vision under conditions of low	
	light consists of stacked arrays of disk membranes that make up its outer segment portion.	
	Regulated by complex biochemical mechanisms, the rod outer segment is under constant	
	renewal as new disks form at the base. MREG (melanoregulin), also known as DSU (dilute	
	suppressor protein homolog) or WDT2, is thought to play a role in membrane fusion and in	
	regulating the biogenesis of disk membranes of photoreceptor rods. MREG interacts with RDS	
	(also known as Peripherin-2), a photoreceptor specific tetraspanin protein that is required to	
	maintain normal cell structure during the renewal process of membrane fusion. MREG is 214	
	amino acids in length, is expressed in photoreceptor cells and and is expressed as two	
	isoforms due to alternative splicing.	
Gene ID:	55686	
UniProt:	Q8N565	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months