



Anti-OBSCN (aa 5215-5318) polyclonal antibody (DPABH-19190)

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

PRODUCT INFORMATION

Antigen Description	Involved in myofibrillogenesis. Seems to be involved in assembly of myosin into sarcomeric A bands in striated muscle. Isoform 3 together with ANK1 isoform Mu17/Ank1.5 may provide a molecular link between the sarcoplasmic reticulum and myofibrils.
Immunogen	antigen, corresponding to amino acids 5215-5318 of Human OBSCN.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	OBSCN obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF [Homo sapiens]
Official Symbol	OBSCN
Synonyms	OBSCN; obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF; UNC89; ARHGEF30; obscurin; obscurin-MLCK; obscurin, myosin light chain kinase;
Entrez Gene ID	84033
Protein Refseq	NP_001092093.2
UniProt ID	Q5VST9
Pathway	Cell death signalling via NRAGE, NRIF and NADE; GPCR downstream signaling; Regulation of RhoA activity; Signal Transduction
Function	ATP binding; Rho guanyl-nucleotide exchange factor activity; ankyrin binding; calmodulin binding