Datasheet for ABIN2778282

anti-Membralin antibody (Middle Region)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Membralin (TMEM259)
Binding Specificity:	Middle Region
Reactivity:	Zebrafish (Danio rerio), Human, Guinea Pig, Rat, Dog, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Membralin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human C19ORF6
Sequence:	YDDILMSSVK GLAENEENKG FLRNVVSGEH YRFVSMWMAR TSYLAAFAIM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against C19ORF6. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	Membralin (TMEM259)

Target Details

Alternative Name:	C19ORF6 (TMEM259 Products)
Background:	Human membralin is unique and does not share significant sequence homology with other human genes, only membralins of other species. The membralin gene contains 11 exons which encode at least two spliced variants in human cancer. The long form of membralin (membralin-1) comprises all 11 exons, encoding a protein of 620-amino acids long and the short form of membralin (membralin-3) contains all exons except for exon 10, encoding a protein of 408 amino acids. Expression of different membralin isoforms depends on tissue type. The long form, membralin-1, is expressed in ovarian and colorectal carcinomas but not in breast or pancreatic carcinomas, which express only the short splice form, membralin-3. Recent studies suggest that membralin is a novel tumor-associated marker in ovarian serous carcinomas Alias Symbols: MBRL, ASBABP1, R32184_3, MEMBRALIN, C19ORF6 Protein Interaction Partner: ADRB2, UBC, TMEM173, ARSE, Protein Size: 408
Molecular Weight:	46 kDa
Gene ID:	91304
NCBI Accession:	NM_033420, NP_219488

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 408 AA
Restrictions:	For Research Use only

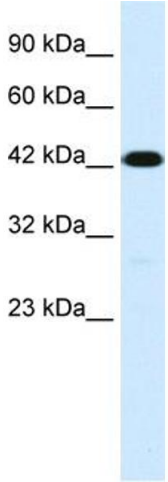
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

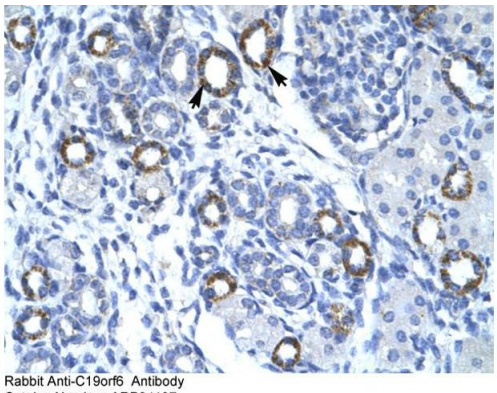
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-C19ORF6 Antibody Titration: 1.0ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate TMEM259 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Rabbit Anti-C19orf6 Antibody
Catalog Number: ARP34137
Lot Number: QC3845
Paraffin Embeded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule(Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human kidney