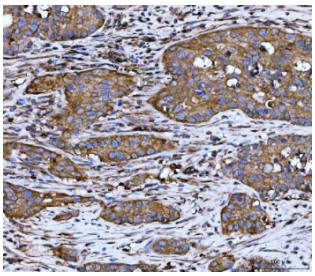
WD repeat-containing protein 1 Antibody / WDR1 [clone 5C11C8] (RQ7133)

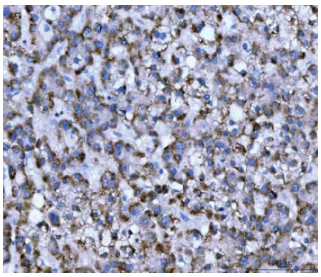
Catalog No.	Formulation	Size
RQ7133	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

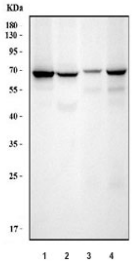
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	5C11C8
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75083
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This WD repeat-containing protein 1 antibody is available for research use only.



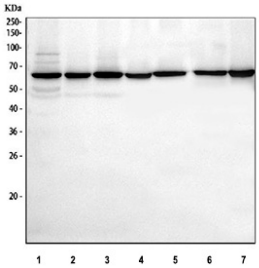
IHC staining of FFPE human colorectal adenocarcinoma tissue with WD repeat-containing protein 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with WD repeat-containing protein 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human U-87 MG, 2) human A549, 3) mouse lung and 4) mouse liver tissue lysate with WD repeat-containing protein 1 antibody. Expected molecular weight ~66 kDa.



Western blot testing of 1) human U-251, 2) human HeLa, 3) human HEL, 4) human RT-4, 5) rat brain, 6) mouse brain and 7) mouse intestine tissue lysate with WD repeat-containing protein 1 antibody. Expected molecular weight ~66 kDa.

Description

WD repeat-containing protein 1 is a protein that in humans is encoded by the WDR1 gene. It is mapped to 4p16.1. This gene encodes a protein containing 9 WD repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, mostly including a trp-asp at the C-terminal end. WD domains are involved in protein-protein interactions. The encoded protein may help induce the disassembly of actin filaments. Two transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the WD repeat-containing protein 1 antibody should be determined by the researcher.

Immunogen

C-terminal amino acids MDMMVYVWTLSDPETRVKIQDAHRLHHV were used as the immunogen for the WD repeat-containing protein 1 antibody.

Storage

After reconstitution, the WD repeat-containing protein 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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