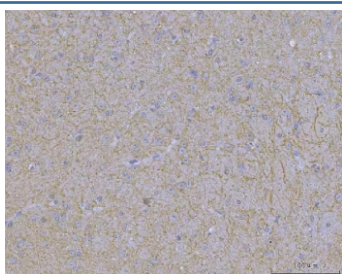


WDR7 Antibody / WD repeat-containing protein 7 (RQ7556)

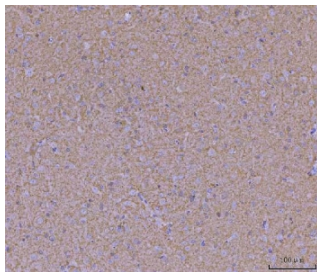
Catalog No.	Formulation	Size
RQ7556	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

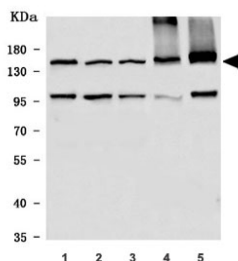
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y4E6
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This WDR7 antibody is available for research use only.



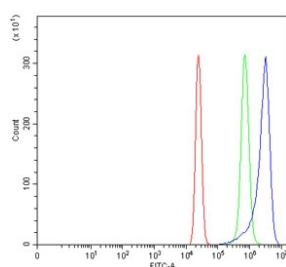
IHC staining of FFPE mouse brain tissue with WDR7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with WDR7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human Daudi, 2) human MOLT4, 3) human HEL, 4) rat brain and 5) mouse brain tissue lysate with WDR7 antibody. Predicted molecular weight ~164 kDa.



Flow cytometry testing of human U-2 OS cells with WDR7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WDR7 antibody.

Description

This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD) that may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. The encoded protein forms the beta subunit of rabconnectin-3 and binds directly with Rab3A GDP/GTP exchange protein and indirectly with Rab3A GDP/GTP activating protein; these proteins are regulators of Rab3 small G protein family members involved in control of the calcium-dependant exocytosis of neurotransmitters. Alternatively spliced transcript variants encoding different isoforms have been described.

Application Notes

Optimal dilution of the WDR7 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q258-Q1292) was used as the immunogen for the WDR7 antibody.

Storage

After reconstitution, the WDR7 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

