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Datasheet for ABIN7076221
anti-WDR81 antibody

4 Images

Overview

Quantity:	100 µL
Target:	WDR81
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR81 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse WDR81
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	WDR81
Alternative Name:	WDR81 (WDR81 Products)
Background:	This gene functions as a negative regulator of the PI3 kinase/PI3K activity associated with endosomal membranes via BECN1, a core subunit of the PI3K complex. By modifying the phosphatidylinositol 3-phosphate/PtdInsP3 content of endosomal membranes may regulate endosome fusion, recycling, sorting and early to late endosome transport. It is for instance, required for the delivery of cargos like BST2/tetherin from early to late endosome and thereby

Target Details

participates indirectly to their degradation by the lysosome. May also play a role in aggrephagy, the macroautophagic degradation of ubiquitinated protein aggregates. In this process, may regulate the interaction of SQSTM1 with ubiquitinated proteins and also recruit MAP1LC3C (By similarity). May also be involved in maintenance of normal mitochondrial structure and organization.

Molecular Weight: 65 kDa

Gene ID: 192652

NCBI Accession: [NP_620400](#)

UniProt: [Q5ND34](#)

Application Details

Application Notes: WB (H,M,R) 1:1000- 1:2000, IHC/IF (M,R) 1:700-1:1400

Restrictions: For Research Use only

Handling

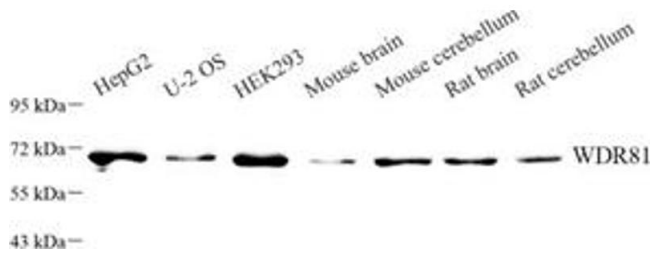
Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

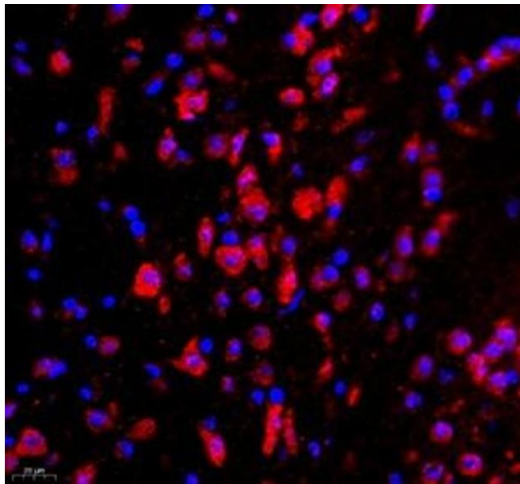
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



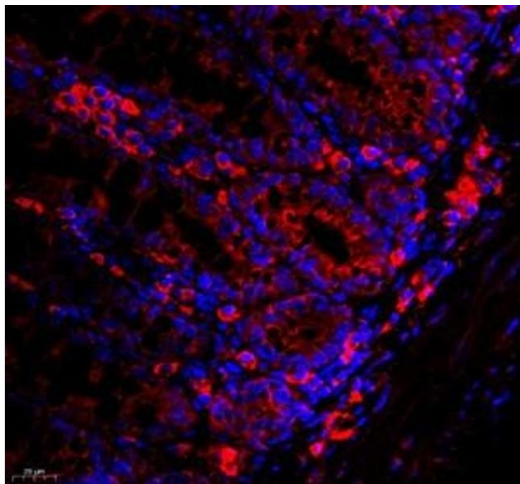
Western Blotting

Image 1. Western blot analysis of WDR81 (ABIN7076221) at dilution of 1: 1000



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Immunofluorescence of paraffin embedded mouse corpus striatum using WDR81 (ABIN7076221) at dilution of 1: 700 (400x lens)



Immunofluorescence (Paraffin-embedded Sections)

Image 3. Immunofluorescence of paraffin embedded mouse rectum using WDR81 (ABIN7076221) at dilution of 1: 700 (400x lens)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7076221.