

## WDFY3 Antibody

Catalog No: #46709

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## Description

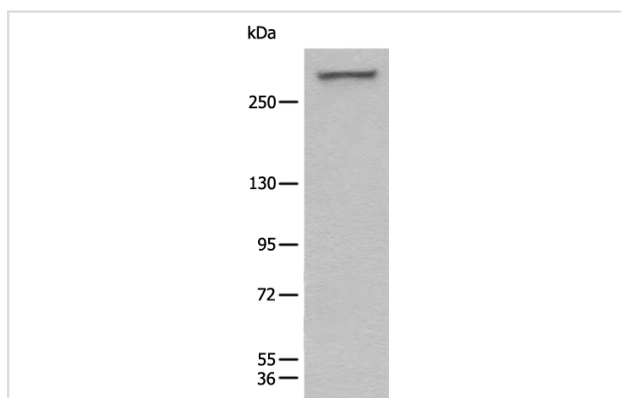
Product Name	WDFY3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total WDFY3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human WDFY3
Target Name	WDFY3
Other Names	ALFY; ZFYVE25
Accession No.	Swiss-Prot:Q8IZQ1NCBI Gene ID:23001NCBI Protein:BC015214
Uniprot	Q8IZQ1
GeneID	23001;
Calculated MW	395 kDa
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

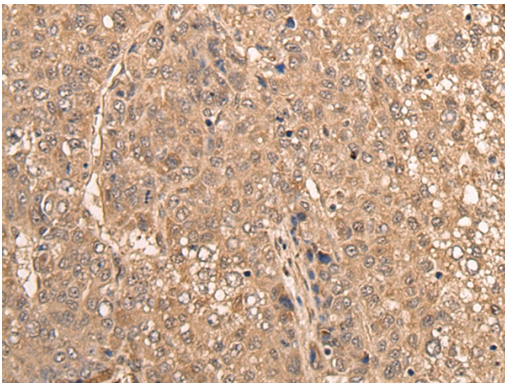
Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 50-300

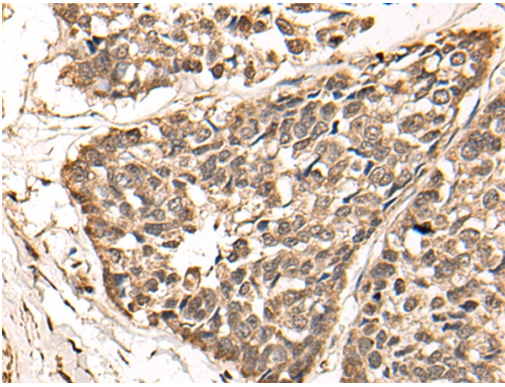
## Images



Gel: 6%SDS-PAGE  
 lysate: 40 B<sub>2</sub>g, Lane: HeLa cell lysate,  
 Primary antibody: 46709B£B`WDFY3 Antibody) at dilution  
 1/650 dilution,  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
 Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46709(WDFY3 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46709(WDFY3 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)

## Background

This gene encodes a phosphatidylinositol 3-phosphate-binding protein that functions as a master conductor for aggregate clearance by autophagy. This protein shuttles from the nuclear membrane to colocalize with aggregated proteins, where it complexes with other autophagic components to achieve macroautophagy-mediated clearance of these aggregated proteins. However, it is not necessary for starvation-induced macroautophagy.

Note: This product is for in vitro research use only