



Anti-WDFY3 (aa 500-550) polyclonal antibody (CPBT-50121RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human WDFY3.
Antigen Description	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.
Immunogen	Synthetic peptide corresponding to a region between residue 500 and 550 of human WDFY3 (accession number: NP_055806.2)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, ICC/IF
Cellular Localization	Membrane; Peripheral membrane protein; Cytoplasmic side. Note: Colocalizes with autophagic structures in starved cells.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline

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Storage	Store at +4°C.
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GENE INFORMATION

Gene Name	WDFY3 WD repeat and FYVE domain containing 3 [Homo sapiens]
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Official Symbol	WDFY3
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Synonyms	WDFY3; WD repeat and FYVE domain containing 3; WD repeat and FYVE domain-containing protein 3; ALFY; KIAA0993; ZFYVE25; Alf; Autophagy linked FYVE protein; KIAA0993; MGC16461; WD repeat and FYVE domain containing 3; ZFYVE25; autophagy-linked FYVE protein;
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Entrez Gene ID	23001
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Protein Refseq	NP_055806
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UniProt ID	A0A024RDI0
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Chromosome Location	4q21.3
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Function	1-phosphatidylinositol binding; beta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase activity; metal ion binding; protein binding;
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