

## ZFYV1 rabbit pAb

<b>Catalog No.</b>	IPB14179
<b>Reactivity</b>	Human; Mouse;
<b>Applications</b>	WB
<b>Dilution</b>	WB: 1:500-2000
<b>Gene Name</b>	ZFYVE1 DFCP1 KIAA1589 TAFF1 ZNFN2A1 PP10436
<b>Protein Name</b>	ZFYV1
<b>Human Gene Id</b>	53349
<b>Swiss-Prot</b>	Q9HBF4
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Golgi apparatus, Golgi stack Golgi apparatus Endoplasmic reticulum Lipid droplet Preautophagosomal structure Mitochondrion Resides predominantly in the cisternal stacks of the Golgi (PubMed:11256955) Colocalizes with TRIM13 on the perinuclear endoplasmic reticulum (PubMed:22178386) During starvation conditions, localizes to omegasomes which are endoplasmic reticulum connected strutures at the origin of preautophagosomal structures (PubMed:31293035, PubMed:25876663) Localizes to lipid droplets in the presence of oleic acid (PubMed:31293035, PubMed:30970241)
<b>MW</b>	85470
<b>Background</b>	The FYVE domain mediates the recruitment of proteins involved in membrane trafficking and cell signaling to phosphatidylinositol 3-phosphate-containing membranes This protein contains two zinc-binding FYVE domains in tandem and is reported to localize to the Golgi apparatus Alternative splicing results in multiple transcript variants

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