



# Anti-ZFYVE16 polyclonal antibody (DPAB-DC943)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	ZFYVE16 (zinc finger, FYVE domain containing 16) is a protein-coding gene. Among its related super-pathways are BMP signalling and regulation and Signaling by GPCR. GO annotations related to this gene include protein transporter activity and phosphatidylinositol-3,4,5-trisphosphate binding. An important paralog of this gene is ZFYVE9.
<b>Specificity</b>	Specific to recombinant protein GX0350. This antibody detects mZFYVE16 protein. It also recognizes human ZFYVE16 protein.
<b>Immunogen</b>	Recombinant GST fusion protein corresponding to 153 amino acids of mouse <i>Zfyve16</i> .
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	In PBS (50% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Zfyve16 zinc finger, FYVE domain containing 16 [ <i>Mus musculus</i> (house mouse) ]</a>
Official Symbol	ZFYVE16
Synonyms	ZFYVE16; zinc finger, FYVE domain containing 16; AI035632; mKIAA0305; B130031L15; B130024H06Rik; zinc finger FYVE domain-containing protein 16; endofin; endosomal-associated FYVE domain protein;
Entrez Gene ID	<a href="#">218441</a>
Protein Refseq	<a href="#">NP_775568</a>
UniProt ID	<a href="#">Q80U44</a>
Chromosome Location	13 C3; 13
Pathway	Endocytosis; Signal Transduction; TGF-beta signaling pathway.
Function	1-phosphatidylinositol binding; metal ion binding; phosphatidylinositol-3,4,5-trisphosphate binding; protein transporter activity