

Anti-FYCO1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig)
Molecular Weight:	Theoretical: 167 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: mouse heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-FYCO1 Polyclonal Antibody, Unconjugated (TMAB-06224) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FYCO1
Antigen Species:	Human
Gene ID:	79443
Uniprot ID:	Q9BQS8

Research Background

FYCO1 is a 1,478 amino acid protein that contains one RUN domain, one GOLD domain and one FYVE-type zinc finger. Expressed in heart and skeletal muscle, FYCO1 exists as multiple alternatively spliced isoforms and may play a role in transcriptional regulation events. In response to DNA damage, FYCO1 is subject to phosphorylation, probably by ATM or ATR. The gene encoding FYCO1 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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