



Duo Monoclonal Antibody

and pleckstrin homology domain Observed Band Cell Pathway Cytoplasm . Cytoplasm, cytoskeleton . Associated with the cytoskeleton. Isoform 2 is brain specific. Highly expressed in cerebral cortex, putamen, amygdala, hippocampus and caudate nucleus. Weakly expressed in brain stem and cerebellum. Isoform 4 is expressed in skeletal muscle. Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,disease:Genetic variation in KALRN is associated with susceptibility to coronary heart disease type 5 (CHDS5)		
Reactivity Human;Mouse;Rat Applications WB Gene Name KALRN Protein Name Kalirin Immunogen Synthesized peptide derived from Duo . at AA range: 810-890 Specificity Duo Monoclonal Antibody detects endogenous levels of Duo protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms KALRN; DUET; DUO; HAPIP; TRAD; Kalirin; Huntingtin-associated protein-interacting protein; Protein Duo; Serine/threonine-protein kinase with Dbland pleckstrin homology domain Observed Band Cell Pathway Cytoplasm . Cytoplasm, cytoskeleton . Associated with the cytoskeleton. Tissue Specificity Isoform 2 is brain specific. Highly expressed in cerebral cortex, putamen, amygdala, hippocampus and caudate nucleus. Weakly expressed in brain stem and cerebellum. Isoform 4 is expressed in skeletal muscle. Function catalytic activity.ATP + a protein = ADP + a phosphoprotein, cofactor:Magnesium, disease: Genetic variation in KALRN is associated with susceptibility to coronary heart disease type 5 (CHDSS) [MIM:608901]. CHD is the leading cause of death and disability worldwide. CHD is multifiactorial disease with a strong genetic component. Classe, goldemiologic studies have revealed many risk factors for CHD, including age, sex. hypertension, dyslipidemia, diabetes mellitus, smokno, and physical	Catalog No	BYmab-12717
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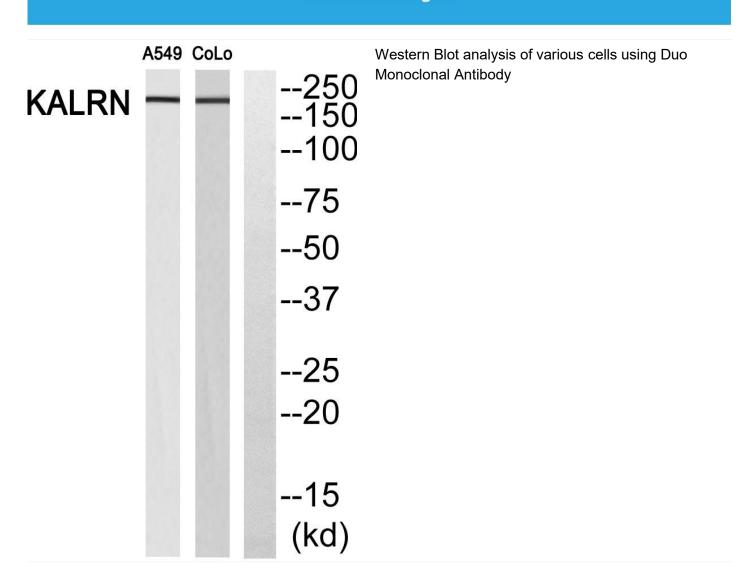


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	and RhoA which are bound by DH1 and DH2 respectively. The two GEF domains appear to play differing roles in neuronal development and axonal outgrowth. SH3 1 binds to the first GEF domain inhibiting GEF activity only when in the presence of a PXXP peptide, suggesting that the SH3 domain/peptide interaction mediates binding to GEF1. CR
Background	Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with the huntingtin-associated protein 1, which is a huntingtin binding protein that may function in vesicle trafficking. [provided by RefSeq, Apr 2016],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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