Datasheet for ABIN1411652

anti-KALRN antibody (AA 1401-1500) (HRP)

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Overview

Quantity:	100 µL
Target:	KALRN
Binding Specificity:	AA 1401-1500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KALRN antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KALRN/Duo
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	KALRN
Alternative Name:	KALRN/Duo (KALRN Products)
Background:	Synonyms: Duo, FLJ16443, HAPIP, Huntingtin associated protein interacting protein duo ,

Target Details

	Huntingtin-associated protein-interacting protein, Kalirin isoform 2, Kalirin, KALRN , KALRN_HUMAN , Protein Duo, RhoGEF kinase, Serine/threonine kinase with Dbl and pleckstrin homology domains , Serine/threonine-protein kinase with Dbl- and pleckstrin homology domain, TRAD. Background: HAP1 (huntingtin-associated protein 1) binds to huntingtin (1). Huntingtin is a protein that contains a polyglutamine region and when the number of glutamine repeats exceeds 35, the gene encodes a version of huntingtin that leads to Huntington?s disease (HD) (2,3). The ability of HAP1 to bind to huntingtin is enhanced by an expanded polyglutamine repeat region (1). HAP1 shows neuronal localization and moves with huntingtin in nerve fibers (4,5). HAP1 is primarily expressed in brain tissue, with greater expression in the olfactory bulb and brain stem (1). Mouse HAP1 is localized to membrane-bound organelles including large endosomes, tubulovesicular structures and budding vesicles in neurons (6). Duo, also designated huntingtin-associated protein interacting protein or HAPIP, binds Huntingtin-associated protein 1 (HAP1) and may have a role in vesicle trafficking and cytoskeletal function.
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months