

[Go to Product page](#)

## Datasheet for ABIN1386312 **anti-KALRN antibody (AA 1401-1500)**

### Overview

Quantity:	100 µL
Target:	KALRN
Binding Specificity:	AA 1401-1500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KALRN antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), 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 ( <a href="#">KALRN Products</a> )

## Target Details

Background:	<p>Synonyms: Duo, FLJ16443, HAPIP, Huntingtin associated protein interacting protein duo , Huntingtin-associated protein-interacting protein, Kalirin isoform 2, Kalirin, KALRN , KALRN_HUMAN , Protein Duo, RhoGEF kinase, Serine/threonine kinase with Dbp and pleckstrin homology domains , Serine/threonine-protein kinase with Dbp- and pleckstrin homology domain, TRAD.</p> <p>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.</p>
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Pathways:	<a href="#">Neurotrophin Signaling Pathway</a>
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months