

KALRN / KALIRIN Antibody (aa1591-1605)
Rabbit Polyclonal Antibody
Catalog # ALS11265**Specification**

KALRN / KALIRIN Antibody (aa1591-1605) - Product Information

Application	IHC
Primary Accession	O60229
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	340kDa KDa

KALRN / KALIRIN Antibody (aa1591-1605) - Additional Information**Gene ID** 8997**Other Names**

Kalirin, 2.7.11.1, Huntingtin-associated protein-interacting protein, Protein Duo, Serine/threonine-protein kinase with Dbl- and pleckstrin homology domain, KALRN, DUET, DUO, HAPIP, TRAD

Target/Specificity

A synthetic peptide corresponding to amino acids 1591-1605 (KEP LQL PKT PAK QRN) of human HAPIP/KALRN protein.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

KALRN / KALIRIN Antibody (aa1591-1605) is for research use only and not for use in diagnostic or therapeutic procedures.

KALRN / KALIRIN Antibody (aa1591-1605) - Protein Information**Name** KALRN ([HGNC:4814](#))**Synonyms** DUET, DUO, HAPIP, TRAD**Function**

Promotes the exchange of GDP by GTP. Activates specific Rho GTPase family members, thereby inducing various signaling mechanisms that regulate neuronal shape, growth, and plasticity, through their effects on the actin cytoskeleton. Induces lamellipodia independent of its GEF activity.

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Note=Associated with the cytoskeleton

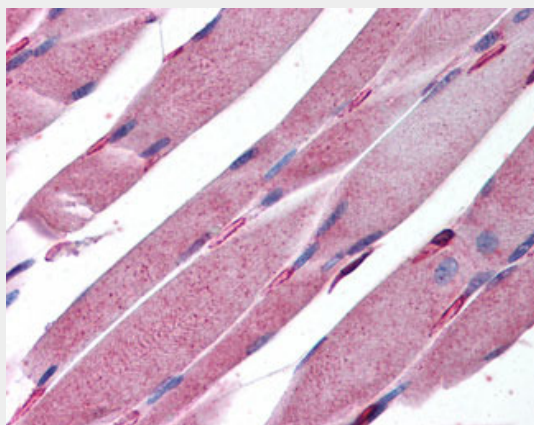
Tissue Location

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.

KALRN / KALIRIN Antibody (aa1591-1605) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KALRN / KALIRIN Antibody (aa1591-1605) - Images

Anti-KALRN antibody IHC of human skeletal muscle.

KALRN / KALIRIN Antibody (aa1591-1605) - Background

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KALRN / KALIRIN Antibody (aa1591-1605) - References

Colomer V., et al. Hum. Mol. Genet. 6:1519-1525(1997).
Kawai T., et al. Gene 227:249-255(1999).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Muzny D.M., et al. Nature 440:1194-1198(2006).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.