10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

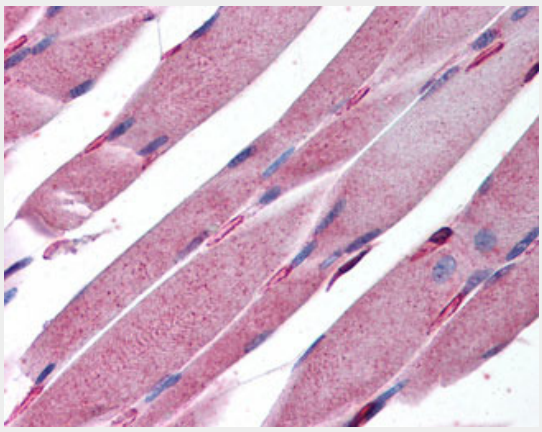
Tissue Location
Isoform 2 is brain specific. Highly expressed in cerebral cortex, putamen, amygdala, hippocampus and caudate nucleus Weakly expressed in brain stem and cerebellum. Isoform 4 is expressed in skeletal muscle.

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 Cytomety
- 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

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Kawai T.,et al.Gene 227:249-255(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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