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AKIRIN1 Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS12980

Specification

AKIRIN1 Antibody (N-Terminus) - Product Information

Application	**WB, IHC**
Primary Accession	Q9H9L7
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**22kDa KDa**

AKIRIN1 Antibody (N-Terminus) - Additional Information

Gene ID 79647

Other Names
Akirin-1, AKIRIN1, C1orf108

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
AKIRIN1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

AKIRIN1 Antibody (N-Terminus) - Protein Information

Name AKIRIN1 {ECO:0000303|PubMed:18066067, ECO:0000312|HGNC:HGNC:25744}

Function
Molecular adapter that acts as a bridge between proteins, and which is involved skeletal muscle development (By similarity). Functions as a signal transducer for MSTN during skeletal muscle regeneration and myogenesis (By similarity). May regulate chemotaxis of both macrophages and myoblasts by reorganising actin cytoskeleton, leading to more efficient lamellipodia formation via a PI3 kinase dependent pathway (By similarity). In contrast to AKIRIN2, not involved in nuclear import of proteasomes (PubMed:34711951).

Cellular Location
Nucleus.

Tissue Location
Widely expressed with the highest expression in heart, liver, placenta and peripheral blood leukocytes

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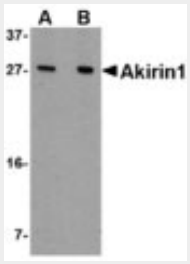
AKIRIN1 Antibody (N-Terminus) - Protocols

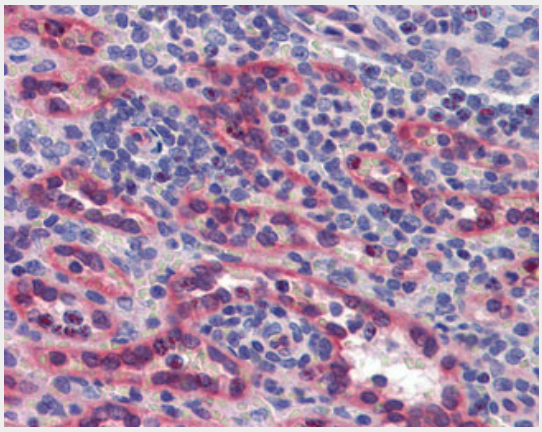
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AKIRIN1 Antibody (N-Terminus) - Images



Western blot of Akirin1 in A549 cell lysate with Akirin1 antibody at (A) 1 and (B) 2 ug/ml.



Anti-AKIRIN1 antibody IHC of human spleen.

AKIRIN1 Antibody (N-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Goto A.,et al.Nat. Immunol. 9:97-104(2008).
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