

AKIRIN1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS12981**Specification**

AKIRIN1 Antibody (Internal) - Product Information

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

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

AKIRIN1 Antibody (Internal) - 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

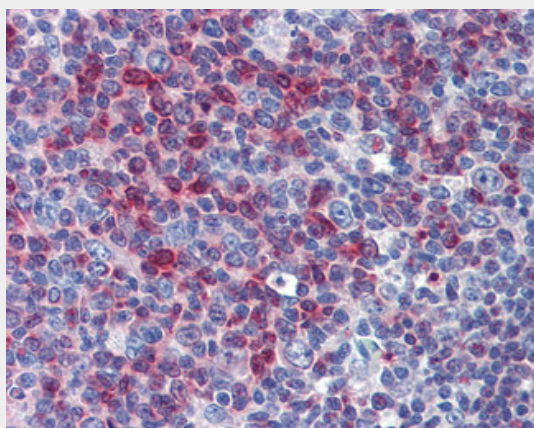
Widely expressed with the highest expression in heart, liver, placenta and peripheral blood leukocytes

AKIRIN1 Antibody (Internal) - 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](#)

AKIRIN1 Antibody (Internal) - Images



Anti-AKIRIN1 antibody IHC of human tonsil.

AKIRIN1 Antibody (Internal) - 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).
Goto A.,et al.Nat. Immunol. 9:216-216(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).