

ACTRT1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13433**Specification**

ACTRT1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8TDG2
Other Accession	NM_138289 , NP_612146
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 42 KDa

ACTRT1 antibody - middle region - Additional Information**Gene ID** 139741**Alias Symbol** AIP1, ARIP1, ARP-T1, ARPT1, HSD27, KIAA0705, MGC26590**Other Names**

Actin-related protein T1, ARP-T1, ACTRT1, ARPT1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ACTRT1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ACTRT1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ACTRT1 antibody - middle region - Protein Information**Name** ACTRT1 ([HGNC:24027](#))**Function**

Negatively regulates the Hedgehog (SHH) signaling. Binds to the promoter of the SHH signaling mediator, GLI1, and inhibits its expression.

Cellular Location

Cytoplasm, cytoskeleton. Cytoplasm Nucleus. Note=Both detected in the nucleus and cytoplasm, localizes to the nucleus where it binds chromatin upon stimulation of the Hedgehog pathway

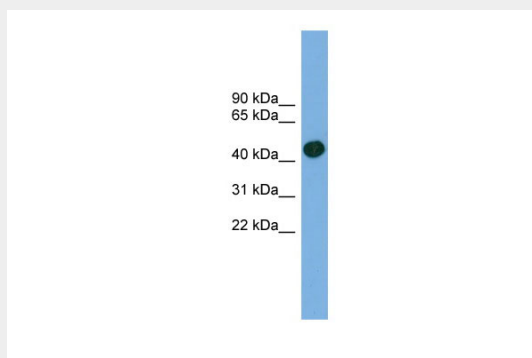
Tissue Location

In skin, expressed in the basal, spinous and granular layers of the epidermis. Also expressed in hair follicles, sebaceous glands, eccrine sweat glands and semen

ACTRT1 antibody - middle region - 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](#)

ACTRT1 antibody - middle region - Images

WB Suggested Anti-ACTRT1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: 721_B cell lysate

ACTRT1 antibody - middle region - References

Heid H.W., et al. Exp. Cell Res. 279:177-187(2002).
Wu N., et al. Submitted (MAR-2003) to the EMBL/GenBank/DDBJ databases.
Ross M.T., et al. Nature 434:325-337(2005).