

ACTRT1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13433

Product Information

Application	WB
Primary Accession	Q8TDG2
Other Accession	NM_138289 , NP_612146
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41696

Additional Information

Gene ID	139741
Alias Symbol Other Names	AIP1, ARIP1, ARP-T1, ARPT1, HSD27, KIAA0705, MGC26590 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.

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. Cytoplasmic vesicle, secretory vesicle, acrosome. 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

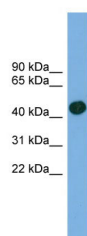
References

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).

Images



WB Suggested Anti-ACTRT1 Antibody Titration: 0.2-1

µg/ml

ELISA Titer: 1:1562500

Positive Control: 721_B cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.