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# ACTRT1 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13433

## Product Information

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|---|---|
| **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

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|---|---|
| **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. |

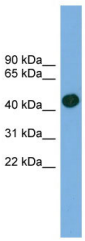
## Protein Information

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|---|---|
| **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, sebaceaous 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'.