

Goat Anti-TRABID / ZRANB1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2104a**Specification**

Goat Anti-TRABID / ZRANB1 Antibody - Product Information

Application	WB
Primary Accession	O9UGI0
Other Accession	NP_060050 , 54764 , 360216 (mouse)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	80967

Goat Anti-TRABID / ZRANB1 Antibody - Additional Information**Gene ID** 54764**Other Names**

Ubiquitin thioesterase ZRANB1, 3.4.19.12, TRAF-binding domain-containing protein, hTrabid, Zinc finger Ran-binding domain-containing protein 1, ZRANB1, TRABID

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TRABID / ZRANB1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TRABID / ZRANB1 Antibody - Protein Information**Name** ZRANB1 {ECO:0000303|PubMed:21834987, ECO:0000312|HGNC:HGNC:18224}**Function**

Ubiquitin thioesterase, which specifically hydrolyzes 'Lys- 29'-linked and 'Lys-33'-linked diubiquitin (PubMed:22157957, PubMed:23827681, PubMed:25752573, PubMed:25752577).

Also cleaves 'Lys- 63'-linked chains, but with 40-fold less efficiency compared to 'Lys- 29'-linked ones (PubMed:18281465). Positive regulator of the Wnt signaling pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription (PubMed:18281465). Acts as a regulator of autophagy by mediating deubiquitination of PIK3C3/VPS34, thereby promoting autophagosome maturation (PubMed:33637724). Plays a role in the regulation of cell morphology and cytoskeletal organization (PubMed:21834987). Required in the stress fiber dynamics and cell migration (PubMed:21834987).

Cellular Location

Cytoplasm. Nucleus. Note=Enriched in punctate localization in the cytoplasm.

Tissue Location

Widely expressed..

Goat Anti-TRABID / ZRANB1 Antibody - 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](#)

Goat Anti-TRABID / ZRANB1 Antibody - Images



AF2104a (0.1 µg/ml) staining of Human Cerebellum ysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TRABID / ZRANB1 Antibody - References

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.

Trabid, a new positive regulator of Wnt-induced transcription with preference for binding and

cleaving K63-linked ubiquitin chains. Tran H, et al. Genes Dev, 2008 Feb 15. PMID 18281465.
Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.
Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.
Isolation and characterization of two novel A20-like proteins. Evans PC, et al. Biochem J, 2001 Aug
1. PMID 11463333.