

Rabbit anti-Human TGFBRAP1 Polyclonal Antibody | anti-TGFBRAP1 antibody

TGFBRAP1 Antibody (C-term)

CATALOG # AAA289511	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	----------------------------	--

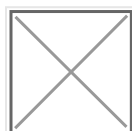
PRODUCT SYNONYMS

TGFBRAP1; Polyclonal Antibody; TGFBRAP1 Antibody (C-term); Transforming growth factor-beta receptor-associated protein 1; TGF-beta receptor-associated protein 1; TRAP-1; TRAP1; anti-TGFBRAP1 antibody

PRODUCT SPECIFICATIONS

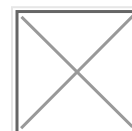
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TGFBRAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 499-528 amino acids from the C-terminal region of human TGFBRAP1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	499-528
Sequence Length	860
Applicable Applications for anti-TGFBRAP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes mainly through the type II receptor, and is released upon activation of signaling . May recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2.
Cellular Location	Cytoplasm. Early endosome. Note= Colocalizes with TGF-beta receptors in the absence of signaling.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TGFBRAP1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TGFBRAP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

TGFBRAP1 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the TGFBRAP1 antibody detected the TGFBRAP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TGFBRAP1 antibody	TGFBRAP1 plays a role in the TGF-beta/activin signaling pathway. It associates with inactive heteromeric TGF-beta and activin receptor complexes, mainly through the type II receptor, and is released upon activation of signaling. May recruit SMAD4 to the vicinity of the receptor complex and facilitate its interaction with receptor-regulated Smads, such as SMAD2.
Product Categories/Family for anti-TGFBRAP1 antibody	Cancer; Signal Transduction
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Le Clerc, S., et al. J. Infect. Dis. 200(8):1194-1201(2009) Hwang, Y., et al. Pharmacogenomics 7(5):697-709(2006) Wurthner, J.U., et al. J. Biol. Chem. 276(22):19495-19502(2001) Provost, P., et al. Proc. Natl. Acad. Sci. U.S.A. 96(5):1881-1885(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330589
NCBI GeneID	9392
NCBI Accession #	NP_001136093.1; NP_004248.2
NCBI GenBank Nucleotide #	NM_001142621.2
UniProt Accession #	Q8WUH2; O60466; A8K5R7; D3DVJ8
Molecular Weight	97158
NCBI Official Full Name	transforming growth factor-beta receptor-associated protein 1
NCBI Official Synonym Full Names	transforming growth factor, beta receptor associated protein 1
NCBI Official Symbol	TGFBRAP1
NCBI Official Synonym Symbols	TRAP1; TRAP-1
NCBI Protein Information	transforming growth factor-beta receptor-associated protein 1
UniProt Protein Name	Transforming growth factor-beta receptor-associated protein 1
UniProt Gene Name	TGFBRAP1
UniProt Synonym Gene Names	TGF-beta receptor-associated protein 1; TRAP-1; TRAP1
UniProt Entry Name	TGFA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tgfbra1-antibody-immunohistochemistry-western-blot-elisa/289511>