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TGFBRAP1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP13395b

Specification

TGFBRAP1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q8WUH2

TGFBRAP1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 9392

Other Names
Transforming growth factor-beta receptor-associated protein 1, TGF-beta receptor-associated protein 1, TRAP-1, TRAP1, TGFBRAP1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13395b was selected from the C-term region of TGFBRAP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TGFBRAP1 Antibody (C-term) Blocking peptide - Protein Information

Name TGFBRAP1

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

TGFBRAP1 Antibody (C-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TGFBRAP1 Antibody (C-term) Blocking peptide - Images

TGFBRAP1 Antibody (C-term) Blocking peptide - Background

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.

TGFBRAP1 Antibody (C-term) Blocking peptide - 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)