

**TRAF2 Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13429****Specification**

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**TRAF2 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q12933</a>
Reactivity	Human, Mouse, Hamster, Monkey, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	56kDa KDa

**TRAF2 Antibody (C-Terminus) - Additional Information****Gene ID** 7186**Other Names**

TNF receptor-associated factor 2, 6.3.2.-, E3 ubiquitin-protein ligase TRAF2, Tumor necrosis factor type 2 receptor-associated protein 3, TRAF2, TRAP3

**Target/Specificity**

Human TRAF2.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

TRAF2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**TRAF2 Antibody (C-Terminus) - Protein Information****Name** TRAF2**Synonyms** TRAP3**Function**

Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis (PubMed:<a href="http://www.uniprot.org/citations/22212761" target="\_blank">22212761</a>). Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys- 63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by

EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.

#### **Cellular Location**

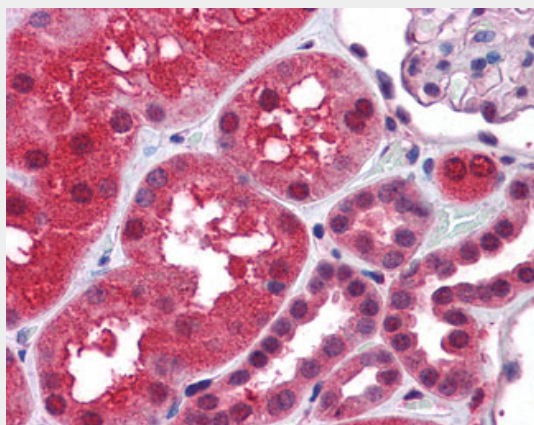
Cytoplasm

#### **TRAF2 Antibody (C-Terminus) - Protocols**

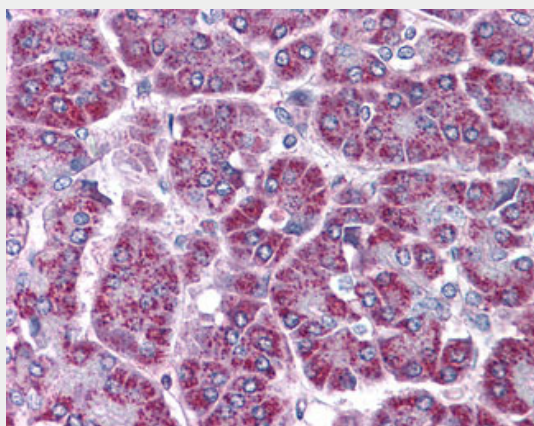
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **TRAF2 Antibody (C-Terminus) - Images**



Anti-TRAF2 antibody IHC of human kidney.



Anti-TRAF2 antibody IHC of human pancreas.

#### **TRAF2 Antibody (C-Terminus) - Background**

Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell

survival and apoptosis. Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys-63'- linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin- protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE.

#### **TRAF2 Antibody (C-Terminus) - References**

Song H.Y.,et al.Biochem. J. 309:825-829(1995).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Humphray S.J.,et al.Nature 429:369-374(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.