

TNFSF10 / TRAIL Antibody (aa31-80)
Rabbit Polyclonal Antibody
Catalog # ALS15160**Specification**

TNFSF10 / TRAIL Antibody (aa31-80) - Product Information

Application	IF, WB, IHC
Primary Accession	P50591
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa KDa

TNFSF10 / TRAIL Antibody (aa31-80) - Additional Information**Gene ID** 8743**Other Names**

Tumor necrosis factor ligand superfamily member 10, Apo-2 ligand, Apo-2L, TNF-related apoptosis-inducing ligand, Protein TRAIL, CD253, TNFSF10, APO2L, TRAIL

Target/Specificity

CD253 Antibody detects endogenous levels of total CD253 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TNFSF10 / TRAIL Antibody (aa31-80) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFSF10 / TRAIL Antibody (aa31-80) - Protein Information**Name** TNFSF10**Synonyms** APO2L, TRAIL**Function**

Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG (PubMed:26457518, PubMed:10549288). Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.

Cellular Location

Cell membrane; Single-pass type II membrane protein. Secreted. Note=Exists both as membrane-bound and soluble form.

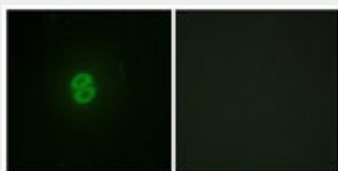
Tissue Location

Widespread; most predominant in spleen, lung and prostate

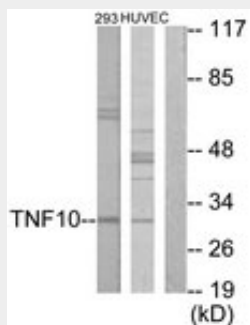
TNFSF10 / TRAIL Antibody (aa31-80) - Protocols

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

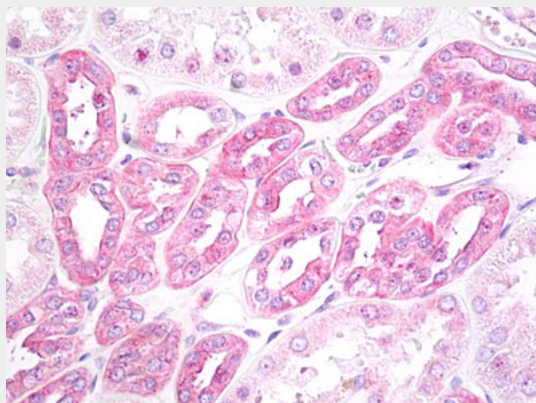
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNFSF10 / TRAIL Antibody (aa31-80) - Images

Immunofluorescence of A549 cells, using CD253 Antibody.



Western blot of extracts from HUVEC cells/293 cells, using CD253 Antibody.



Anti-TRAIL antibody IHC of human kidney, tubules.

TNFSF10 / TRAIL Antibody (aa31-80) - Background

Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.

TNFSF10 / TRAIL Antibody (aa31-80) - References

Wiley S.R.,et al.Immunity 3:673-682(1995).
Pitti R.M.,et al.J. Biol. Chem. 271:12687-12690(1996).
Schnepple D.J.,et al.J. Biol. Chem. 286:35742-35754(2011).
Woods D.C.,et al.Submitted (SEP-2007) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).