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Product datasheet for AP06701PU-M

TRAIL (TNFSF10) Rabbit Polyclonal Antibody

Product data:

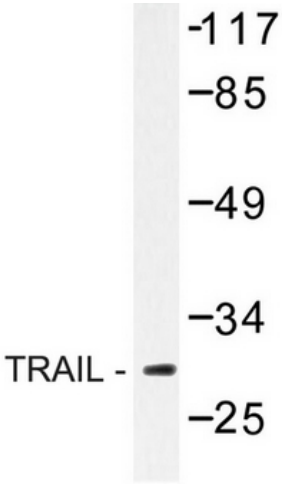
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	**Western blot:** 1/500-1/1000. **Immunofluorescence:** 1/50-1/200. **Immunohistochemistry:** 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 50-100 of Human TRAIL.
Specificity:	This TRAIL antibody detects endogenous levels of TRAIL protein. (region surrounding Ser63)
Formulation:	Phosphate buffered saline (PBS), pH 7.2 State: Aff - Purified State: Liquid purified IgG fraction (> 95% pure by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity-Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~34 kDa
Gene Name:	tumor necrosis factor superfamily member 10
Database Link:	Entrez Gene 8743 Human P50591

View online »

Background: Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL), also referred to as Apo2 ligand, first identified based on its sequence homology to TNF and Fas/Apo ligand is a member of the TNF family of cytokines and either exists as a type II membrane or soluble protein. TRAIL induces apoptosis in a variety of transformed cell lines and plays a role in anti-tumor and anti-viral immune surveillance. TRAIL signals via binding with death receptors DR4 (TRAIL-R1) (4) and DR5 (TRAIL-R2) which can trigger apoptosis as well as NF-κB activation.

Synonyms: Apo-2 ligand, TNFSF10, APO2L, Apo-2L

Product images:



Western blot (WB) analysis of TRAIL antibody in extracts from HUVEC cells.