

## Product datasheet for **AP20513PU-N**

### **TNFSF12-TNFSF13 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500-1/1000. <b>Immunohistochemistry on paraffin sections</b> 1/50-1/200. <b>IF:</b> 1/50-1/200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 51-100 of Human TWEAK.
Specificity:	This antibody detects endogenous levels of TWEAK protein. (region surrounding Pro73)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
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:	~ 27 kDa
Gene Name:	TNFSF12-TNFSF13 readthrough
Database Link:	<a href="#">Entrez Gene 21944 Mouse</a> <a href="#">Entrez Gene 407977 Human</a> <a href="#">O43508</a>



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**Background:**

TWEAK is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. It is widely expressed, has high constitutive expression in heart placenta, lung, muscle, kidney, pancreas, and HUVEC. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. TWEAK can induce apoptosis via multiple pathways of cell death in a cell type specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis.

**Synonyms:**

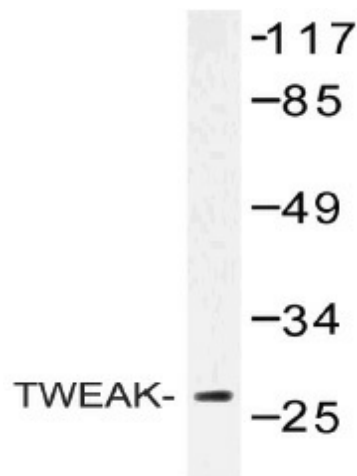
APO3 ligand, APO3L, DR3LG

**Protein Families:**

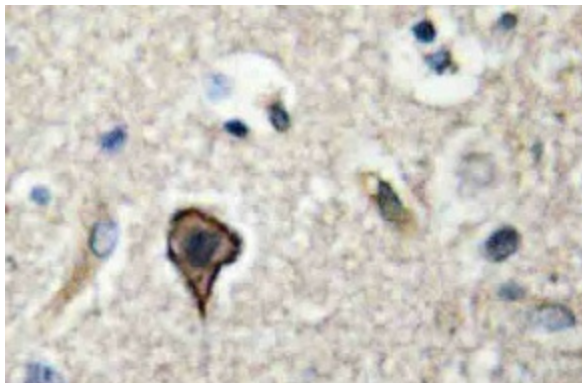
Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction

**Product images:**


Western blot (WB) analysis of TWEAK antibody in extracts from COLO cells.



Immunohistochemistry (IHC) analyzes of TWEAK antibody in paraffin-embedded human brain tissue.