

## Product datasheet for **AP20562PU-N**

### **DcR3 (TNFRSF6B) Rabbit Polyclonal Antibody**

#### **Product data:**

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | IF, IHC   |
| Recommended Dilution:   | <b>Immunohistochemistry on paraffin sections</b> 1/50 - 1/200.<br><b>Immunofluorescence:</b> 1/50 - 1/200.                                  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Specificity:            | This antibody detects endogenous levels of DcR3 protein.<br>(region surrounding Gly287)   |
| Formulation:            | Phosphate buffered saline (PBS), pH 7.2.<br>State: Aff - Purified<br>State: Liquid purified Ig fraction<br>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.<br>Avoid repeated freezing and thawing.                        |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | ~ 33 kDa  |
| Gene Name:              | tumor necrosis factor receptor superfamily member 6b  |
| Database Link:          | <a href="#">Entrez Gene 8771 Human</a><br><a href="#">O95407</a>  |



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**Background:**

Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated by two distinct cell surface receptors, designated TNF-R1 and TNF-R2, which are expressed on most cell types. TNF function is primarily mediated through TNF-R1 signaling. Both receptors belong to the growing TNF receptor superfamily which includes FAS antigen and CD40. TNF-R1 contains a cytoplasmic motif, termed the “death domain,” that has been found to be necessary for the transduction of the apoptotic signal. The death domain is also found in several other receptors, including FAS, DR2 (or TRUNDD), DR3 (Death receptor 3), DR4, DR5 and DR6. TRUNDD, DR4 and DR5 are receptors for the apoptosis-inducing cytokine TRAIL. Non-death domain-containing receptors, designated decoy receptor 1 (DcR1) or TRID, DcR2 and DcR3, associate with specific ligands and may play a role in cellular resistance to apoptotic stimuli.

**Synonyms:**

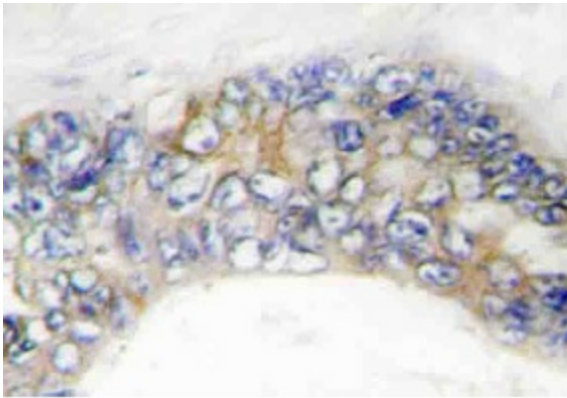
Decoy receptor 3

**Protein Families:**

Secreted Protein

**Protein Pathways:**

Cytokine-cytokine receptor interaction

**Product images:**

Immunohistochemistry (IHC) analysis of DcR3 antibody (Cat.-No.: AP20562PU-N) in paraffin-embedded human colon carcinoma tissue.