

## Product datasheet for **AP31013PU-N**

### TAB2 (79-90) Goat Polyclonal Antibody

#### Product data:

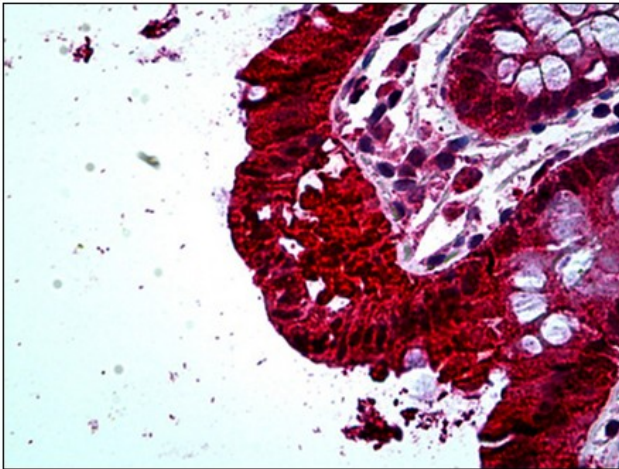
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC  |
| Recommended Dilution: | <b>Immunohistochemistry on Paraffin Sections:</b> 3.75 - 7.5 µg/ml.  |
| Reactivity:           | Human, Monkey, Rabbit  |
| Host:                 | Goat   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Synthetic peptide from positions 79-90 of human TAB2 (NP_055908.1)   |
| Specificity:          | This antibody reacts to TGF-Beta Activated kinase 1/MAP3K7 Binding Protein 2 (TAB2) at aa 79-90.   |
| Formulation:          | Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% sodium azide as preservative<br>State: Aff - Purified<br>State: Liquid purified Ig fraction |
| Concentration:        | lot specific   |
| Purification:         | Immunoaffinity Chromatography  |
| Conjugation:          | Unconjugated   |
| Storage:              | Upon receipt, store undiluted (in aliquots) at -20°C.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | TGF-beta activated kinase 1/MAP3K7 binding protein 2   |
| Database Link:        | <a href="#">Entrez Gene 23118 Human Q9NYJ8</a>   |



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- Background:** The protein encoded by this gene is an activator of MAP3K7/TAK1, which is required for for the IL-1 induced activation of nuclear factor kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. This protein, TAB1, and MAP3K7 also participate in the signal transduction induced by TNFSF11/RANKL through the activation of the receptor activator of NF-kappa B (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts.
- Synonyms:** TAK1-binding protein 2, Tab-2, Mitogen-activated protein kinase kinase kinase 7-interacting protein 2
- Protein Families:** Druggable Genome
- Protein Pathways:** MAPK signaling pathway, NOD-like receptor signaling pathway, Toll-like receptor signaling pathway

**Product images:**



Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)