

Product datasheet for **TA385456**

TRAF6 Rabbit Monoclonal Antibody [Clone ID: R09-3F4]

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | R09-3F4 |
| Applications: | WB |
| Recommended Dilution: | WB: 1/1000-1/5000 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Monoclonal |
| Immunogen: | A synthetic peptide of human TRAF6 |
| Formulation: | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Concentration: | lot specific |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | Calculated MW: 60 kDa; Observed MW: 60 kDa |
| Gene Name: | TNF receptor associated factor 6 |
| Database Link: | Entrez Gene 7189 Human Q9Y4K3 |



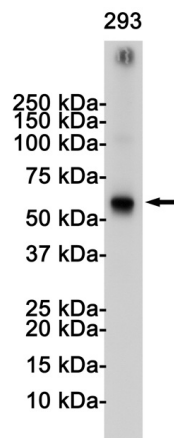
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Background:

Swiss-Prot Acc.Q9Y4K3.E3 ubiquitin ligase that, together with UBE2N and UBE2V1, mediates the synthesis of 'Lys-63'-linked-polyubiquitin chains conjugated to proteins, such as IKBKG, IRAK1, AKT1 and AKT2. Also mediates ubiquitination of free/unanchored polyubiquitin chain that leads to MAP3K7 activation. Leads to the activation of NF-kappa-B and JUN. May be essential for the formation of functional osteoclasts. Seems to also play a role in dendritic cells (DCs) maturation and/or activation. Represses c-Myb-mediated transactivation, in B-lymphocytes. Adapter protein that seems to play a role in signal transduction initiated via TNF receptor, IL-1 receptor and IL-17 receptor. Regulates osteoclast differentiation by mediating the activation of adapter protein complex 1 (AP-1) and NF-kappa-B, in response to RANK-L stimulation. Together with MAP3K8, mediates CD40 signals that activate ERK in B-cells and macrophages, and thus may play a role in the regulation of immunoglobulin production.

Synonyms:

MGC:3310; RNF85

Product images:

Western blot analysis of TRAF6 in 293 lysates using TRAF6 antibody.