

## Product datasheet for **TA385456S**

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

#### Product data:

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:	<a href="#">Entrez Gene 7189 Human Q9Y4K3</a>



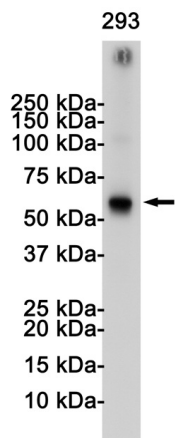
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**Background:**

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.