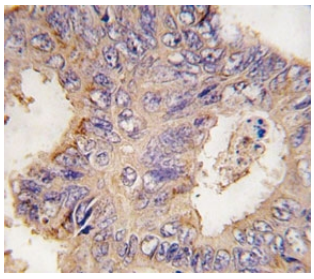
TRAF2 Antibody (F50804)

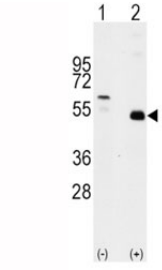
Catalog No.	Formulation	Size
F50804-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50804-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q12933
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This TRAF2 antibody is available for research use only.



IHC analysis of FFPE human colon carcinoma tissue stained with TRAF2 antibody



Western blot analysis of TRAF2 antibody and 293 cell lysate (2 ug/lane) either nontransfected (c) or transiently transfected with the TRAF2 gene (2). Predicted molecular weight: ~55kDa.

Description

TRAF2 regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis. Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE. [UniProt]

Application Notes

Titration of the TRAF2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 343-372 from the human protein was used as the immunogen for this TRAF2 antibody.

Storage

Aliquot the TRAF2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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