For Research Use Only

TRAF4 Polyclonal antibody

Catalog Number:10083-2-AP 2 Publications

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Basic Information

Catalog Number:
10083-2-AP

Size:
150ul , Concentration: 133 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0121

GenBank Accession Number:
BC001769

GeneID (NCBI):
9618

UNIPROT ID:
Q9BUZ4

Full Name:
TNF receptor-associated factor 4

Calculated MW:
54 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IHC

Species Specificity:
human

Cited Species:
human

Background Information

TRAF4 is the fourth member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with and mediate signal transduction from members of the TNF receptor superfamily. TRAF1 and TRAF2 are two related proteins that form a heterodimeric complex that associates with the cytoplasmic domain of the TNF-receptor type 2. The third member TRAF3 associates with the cytoplasmic domain of CD40. TRAF4 has been shown to interact with neurotrophin receptor, p75 (NTR/NTSR1), and negatively regulate NTR induced cell death and NF-KAPPA B activation. This protein also binds to p47phox, a cytosolic regulatory factor included in a multi-protein complex known as NAD(P)H oxidase. TRAF4 thus, is thought to be involved in the oxidative activation of MAPK8/JNK.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Chan Chang	32188842	Cell Death Dis	IHC
Fan Jiang	38863623	Front Oncol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data