

Datasheet for ABIN2787930

anti-TNFRSF4 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TNFRSF4
Binding Specificity:	Middle Region
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TNFRSF4
Sequence:	GKHTLQPASN SSDAICEDRD PPATQPQETQ GPPARPITVQ PTEAWPRTSQ
Predicted Reactivity:	Human: 100%, Pig: 86%
Characteristics:	This is a rabbit polyclonal antibody against TNFRSF4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TNFRSF4
Alternative Name:	TNFRSF4 (TNFRSF4 Products)
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor

Target Details

has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

Alias Symbols: ACT35, CD134, OX40, TXGP1L

Protein Interaction Partner: TRAF4, TRAF5, TRAF3, TRAF2, TRAF1, TNFRSF9, SIVA1, TNFSF4,
Protein Size: 277

Molecular Weight: 27 kDa

Gene ID: 7293

NCBI Accession: [NM_003327](#), [NP_003318](#)

UniProt: [P43489](#)

Pathways: [Production of Molecular Mediator of Immune Response](#), [Cancer Immune Checkpoints](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 277 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TNFRSF4

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control:.21_B cell lysate

TNFRSF4 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

Western Blotting

Image 2. WB Suggested Anti-TNFRSF4 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate