

Rabbit anti-Rat OX40 Polyclonal Antibody | anti-TNFRSF4 antibody

Anti-OX40 Antibody, Rabbit Polyclonal

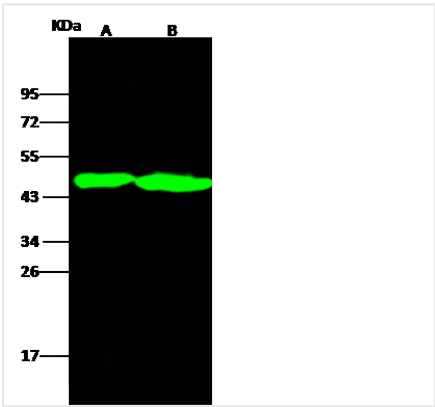
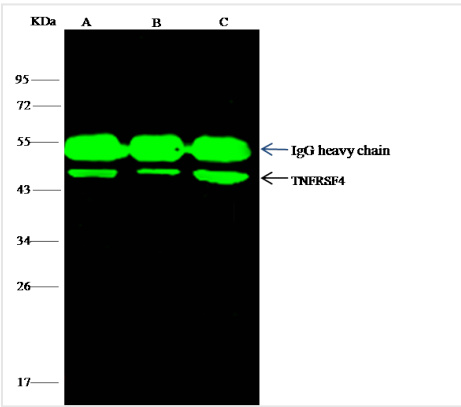
CATALOG # AAA254675	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

OX40; Polyclonal Antibody; Anti-OX40 Antibody; Rabbit Polyclonal; OX40/TNFRSF4/CD134 Antibody; Rabbit PAb; Antigen Affinity Purified; tumor necrosis factor receptor superfamily; member 4; anti-TNFRSF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat OX40/TNFRSF4/CD134
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TNFRSF4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Rat OX40/TNFRSF4/CD134
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Rat OX40/TNFRSF4/CD134, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
TNFRSF4 was immunoprecipitated using: Lane A: 0.5 mg THP-1 Whole Cell Lysate; Lane B: 0.5 mg A549 Whole Cell Lysate; Lane C: 0.5 mg HeLa Whole Cell Lysate. 4 μ L anti-TNFRSF4 rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-TNFRSF4 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 29 kDa. Observed band size: 47 kDa.

WB (Western Blot)
Anti-TNFRSF4 rabbit polyclonal antibody at 1:500 dilution. Lane A: MOLT4 Whole Cell Lysate; Lane B: THP1 Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit & IgG H&L (DyLight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 30 kDa. Observed band size: 47 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF4 antibody	OX40 (CD134) and its binding partner, OX40L (CD252), are members of the tumor necrosis factor receptor/tumor necrosis factor superfamily, is known to break an existing state of tolerance in malignancies, leading to a reactivation of antitumor immunity. The interaction between OX40 and OX40L plays an important role in antigen-specific T-cell expansion and survival. OX40 and OX40L also regulate cytokine production from T cells, antigen-presenting cells, natural killer cells, and natural killer T cells, and modulate cytokine receptor signaling. In line with these important modulatory functions, OX40-OX40L interactions have been found to play a central role in the development of multiple inflammatory and autoimmune diseases, making them attractive candidates for intervention in the clinic. Conversely, stimulating OX40 has shown it to be a candidate for therapeutic immunization strategies for cancer and infectious disease.
Product Categories/Family for anti-TNFRSF4 antibody	Cancer Drug Targets
References	Compaan D.M., et al. (2006). The crystal structure of the costimulatory OX40-OX40L complex. Structure 14:1321-1330. Kawamata S., et al. (1998). Activation of OX40 signal transduction pathways leads to tumor necrosis factor receptor-associated factor (TRAF) 2- and TRAF5-mediated NF-kappaB activation. J. Biol. Chem. 273:5808-5814. Byun M., (2013) Inherited human OX40 deficiency underlying classic Kaposi sarcoma of childhood. J. Exp. Med. 210:1743-1759.

NCBI AND UNIPROT INFORMATION

NCBI GI #	129301
NCBI GeneID	25572
UniProt Accession #	P15725
Molecular Weight	29,895 Da
NCBI Official Full Name	Tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 4
NCBI Official Symbol	Tnfrsf4
NCBI Official Synonym Symbols	Ox40; Txgp1

NCBI Protein Information	tumor necrosis factor receptor superfamily member 4; MRC OX40; OX40 antigen; OX40L receptor; tumor necrosis factor superfamily, member 4; Tax-transcriptionally activated glycoprotein 1; tumor necrosis factor (ligand) superfamily member 4
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	Tnfrsf4
UniProt Synonym Gene Names	Ox40; Txgp1l
UniProt Entry Name	TNR4_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ox40-antibody-immunoprecipitation-western-blot-elisa/254675>