

Rabbit anti-Human DR4 Polyclonal Antibody | anti-DR4 antibody

DR4 Antibody

CATALOG # AAA304806	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

DR4; Polyclonal Antibody; DR4 Antibody; TRAIL-R1; anti-DR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	DEAE purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	468
Applicable Applications for anti-DR4 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the carboxy terminus of human DR4 protein.
Target Name	DR4
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of DR4 in Jurkat cells with DR4 antibody at 10 ug/mL.


WB (Western Blot)

Western blot analysis of DR4 in HeLa total cell lysate with DR4 antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DR4 antibody	Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors, TNFR1 and Fas. A novel death domain containing receptor was recently identified and designated DR4 (for death receptor 4). The ligand for this novel death receptor has been identified and termed TRAIL2, 3, which is a new member in the TNF family. DR4 is also called TRAIL receptor-1 (TRAIL-R1). DR4 is expressed in most of human tissues including spleen, peripheral blood leukocytes, small intestine and thymus. Like TNFR1, Fas and DR3, DR4 mediates apoptosis and NF-kB activation in many tissues and cells.
Product Categories/Family for anti-DR4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1945072
NCBI GeneID	8797
Molecular Weight	50,089 Da
NCBI Official Full Name	cytotoxic ligand TRAIL receptor
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10a
NCBI Official Symbol	TNFRSF10A
NCBI Official Synonym Symbols	DR4; APO2; CD261; TRAILR1; TRAILR-1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10A
UniProt Gene Name	TNFRSF10A
UniProt Synonym Gene Names	APO2; DR4; TRAILR1; TRAIL receptor 1; TRAIL-R1
UniProt Entry Name	TR10A_HUMAN

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://stage.aaabiotech.com/polyclonal/dr4-antibody-immunocytochemistry-western-blot-elisa/304806>