



# DR4 rabbit pAb

Cat No.:ES2198

For research use only

## Overview

<b>Product Name</b>	DR4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TNFRSF10A. AA range:401-450
<b>Specificity</b>	DR4 Polyclonal Antibody detects endogenous levels of DR4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Tumor necrosis factor receptor superfamily member 10A
<b>Gene Name</b>	TNFRSF10A
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Membrane raft . Cytoplasm, cytosol . Palmitoylation is required for association with membranes. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	8797
<b>Human Swiss-Prot Number</b>	O00220
<b>Alternative Names</b>	TNFRSF10A; APO2; DR4; TRAILR1; Tumor necrosis factor receptor superfamily member 10A; Death receptor 4; TNF-related apoptosis-inducing ligand

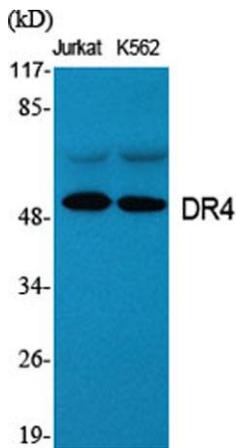




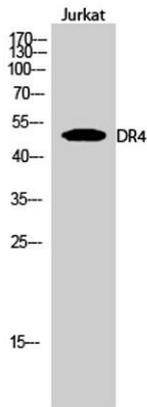
## Background

receptor 1; TRAIL receptor 1; TRAIL-R1; CD antigen CD261

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. [provided by RefSeq, Jul 2008],



Western blot analysis of various cells using DR4 Polyclonal Antibody

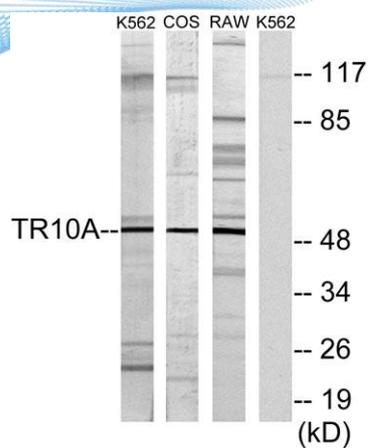


Western blot analysis of Jurkat cells using DR4 Polyclonal Antibody





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Western blot analysis of lysates from K562 cells, COS7 cells, and RAW264.7 cells, using TR10A Antibody . The lane on the right is blocked with the synthesized peptide.



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