

DR4 Polyclonal Antibody

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| Catalog No : | YT1410 |
| Reactivity : | Human;Monkey |
| Applications : | WB;IF;ELISA |
| Target : | DR4 |
| Fields : | >>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>p53 signaling pathway;>>Apoptosis;>>Necroptosis;>>Natural killer cell mediated cytotoxicity;>>Pathogenic Escherichia coli infection;>>Salmonella infection;>>Influenza A;>>Lipid and atherosclerosis |
| Gene Name : | TNFRSF10A |
| Protein Name : | Tumor necrosis factor receptor superfamily member 10A |
| Human Gene Id : | 8797 |
| Human Swiss Prot No : | O00220 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human TNFRSF10A. AA range:401-450 |
| Specificity : | DR4 Polyclonal Antibody detects endogenous levels of DR4 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 50kD

Cell Pathway : Cytokine-cytokine receptor interaction;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;Natural killer cell mediated cytotoxicity;

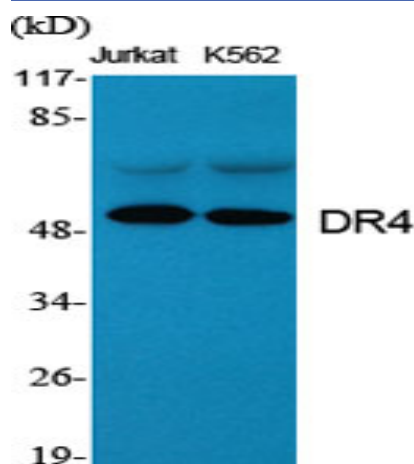
Background : The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested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

Function : function:Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B.,similarity:Contains 1 death domain.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Can interact with TRADD and RIP. Interacts with ARAP1.,tissue specificity:Widely expressed. High levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K562 erythroleukemia cells, MCF7 breast carcinoma cells and activated T-cells.,

Subcellular Location : Cell membrane ; Single-pass type I membrane protein . Membrane raft . Cytoplasm, cytosol . Palmitoylation is required for association with membranes. .

Expression : Widely expressed. High levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K-562 erythroleukemia cells, MCF-7 breast carcinoma cells and activated T-cells.

Products Images



Western Blot analysis of various cells using DR4 Polyclonal Antibody

Western Blot analysis of Jurkat cells using DR4 Polyclonal Antibody

