SunLong Biotech Co.,LTD
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Rabbit Anti-TNFRSF10A antibody

SL0591R

Product Name	TNFRSF10A
Chinese Name	死亡受体 4 抗体
Alias	TR10A_HUMAN; Tumor necrosis factor receptor superfamily member 10A; APO2; DR4; TRAILR1; Death receptor 4; TNF-related apoptosis-inducing ligand receptor 1 (TRAIL receptor 1; TRAIL-R1); CD261;
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,
Applications	WB=1:200-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	50kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human TNFRSF10A: 401-468/468
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor

Detail

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:
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.

Subunit:
Can interact with TRADD and RIPK1. Interacts with ARAP1.

Subcellular Location:
Membrane; Single-pass type I membrane protein.

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.

Similarity:
Contains 1 death domain.
Contains 3 TNFR-Cys repeats.

SWISS:
O00220

Gene ID:
8797

Database links:

Entrez Gene: 8797 Human

SwissProt: O00220 Human

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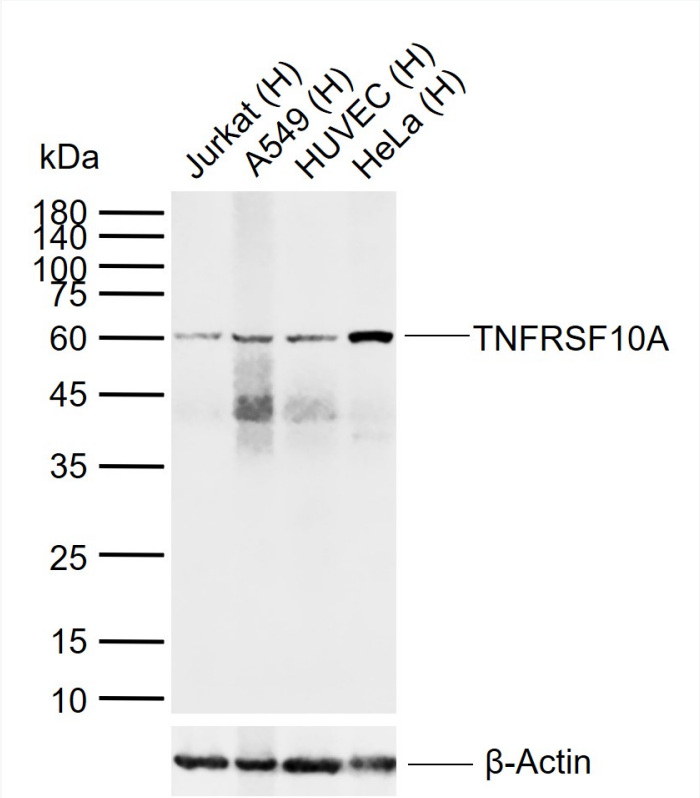
Product Picture



Sample:

Lane 1: Human Jurkat cell lysates

Lane 2: Human A549 cell lysates

Lane 3: Human HUVEC cell lysates

Lane 4: Human HeLa cell lysates

Primary: Anti-TNFRSF10A (SL0591R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 50 kDa

Observed band size: 60 kDa

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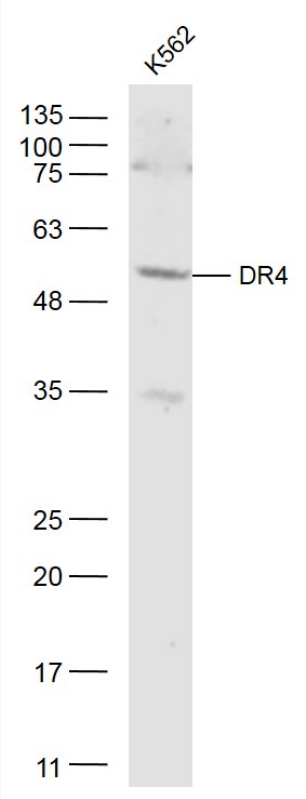

Sample:

K562(Human) Cell Lysate at 40 ug

Primary: Anti- DR4 (SL0591R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD

Observed band size: 50 kD

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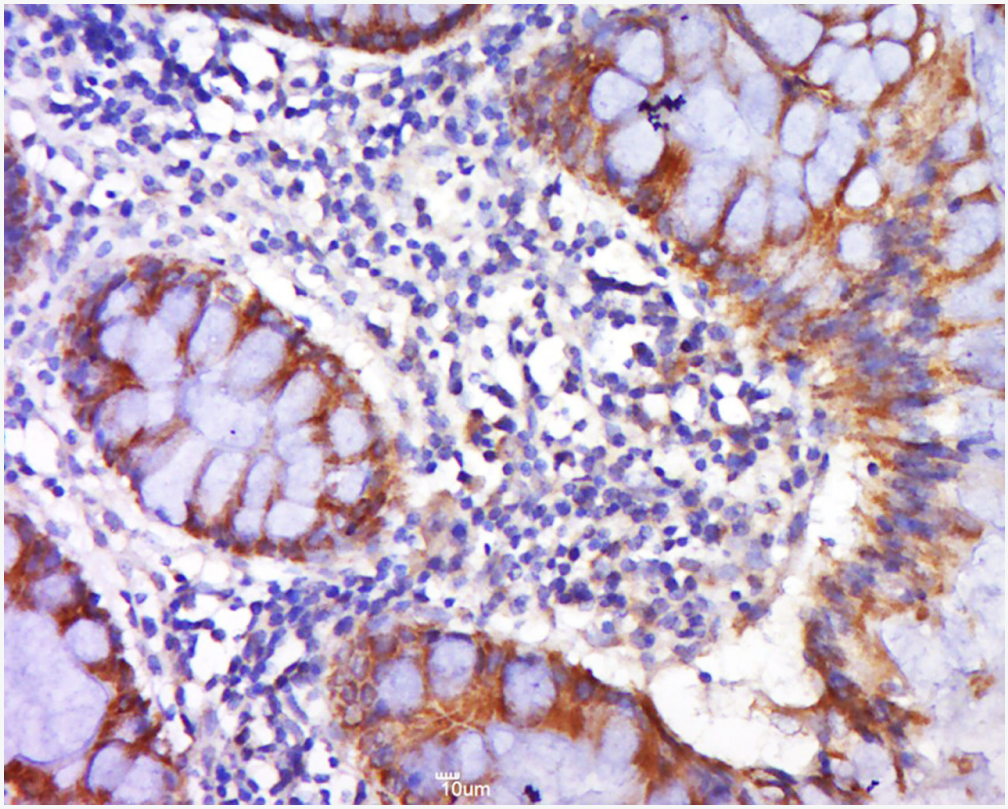

Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-DR4 Polyclonal Antibody, Unconjugated(SL0591R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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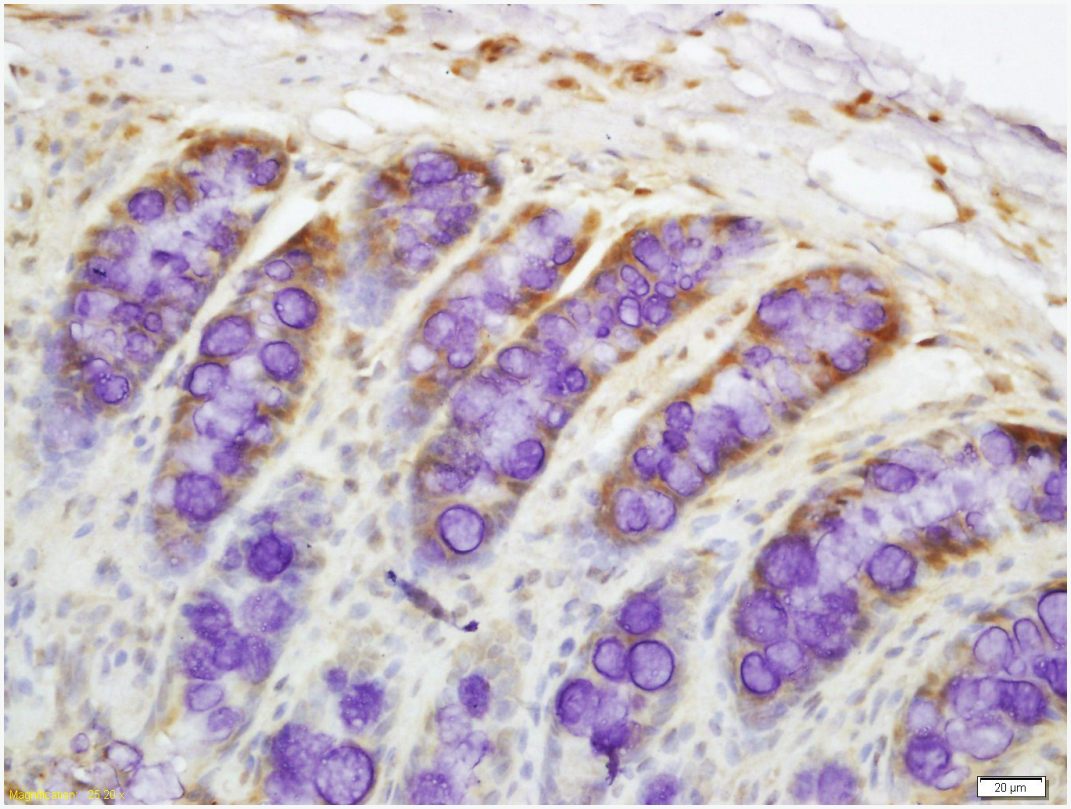

Tissue/cell: rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-TRAILR1 Polyclonal Antibody, Unconjugated(SL0591R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining