

DR5 Rabbit pAb

CatalogNo: YT7791

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 48kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:1000-2000**ELISA 1:5000-20000**

Storage

Storage*

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

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human DR5 AA range: 200-280

Specificity

This antibody detects endogenous levels of Human DR5

Target Information

Gene name

TNFRSF10B DR5 KILLER TRAILR2 TRICK2 ZTNFR9 UNQ160/PRO186

Protein Name	DR5		
	Organism	Gene ID	UniProt ID
	Human	8795;	O14763;
	Mouse	21933;	Q9QZM4;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLaS3, K-562, HL-60, SW480, A-549 and G-361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain.		
Function	Disease:Defects in TNFRSF10B may be a cause of squamous cell carcinoma of the head and neck (HNSCC) [MIM:275355].,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.,induction:TNFRSF10B is regulated by the tumor suppressor p53.,similarity:Contains 1 death domain.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Homotrimer. Can interact with TRADD and RIP.,tissue specificity:Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLa S3, K562, HL-60, SW480, A549 and G361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain.,		

| Validation Data

| Contact information

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