

Rabbit DR5 Polyclonal Antibody | anti-TNFRSF10B antibody

Anti-DR5 Antibody

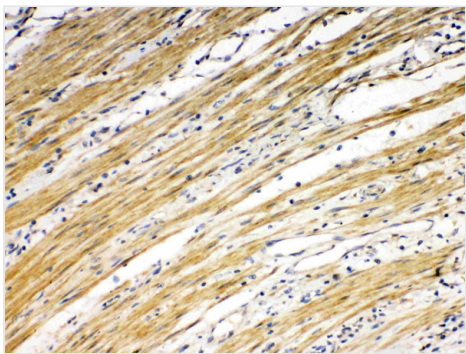
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46719	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

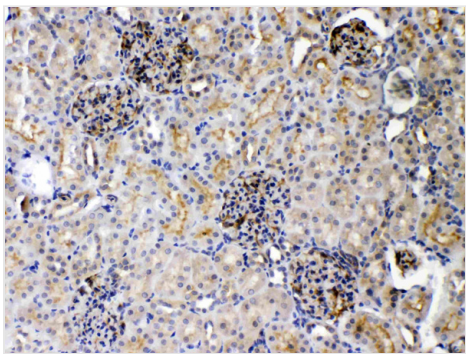
DR5; Polyclonal Antibody; Anti-DR5 Antibody; CD262 antigen; Cytotoxic TRAIL receptor 2; Dr5; Killer; KILLER; O14763; TNFRSF10B; TR10B; trail r2; trailr 2; TRAILR2; TRAIL-R2; TRICK2; TRICK2A; TRICK2B; Tumor necrosis factor receptor superfamily member 10B; anti-TNFRSF10B antibody

PRODUCT SPECIFICATIONS

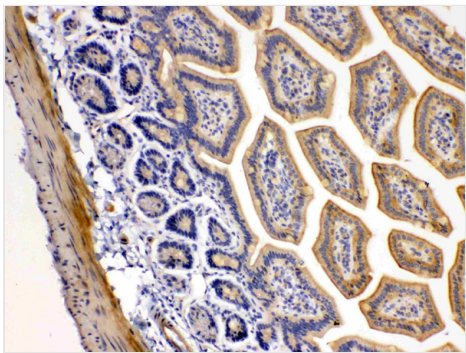
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	440
Applicable Applications for anti-TNFRSF10B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E Coli-derived human DR5 recombinant protein (Position: K233-S440). Human DR5 shares 48.4% amino acid (aa) sequence identity with mouse DR5.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



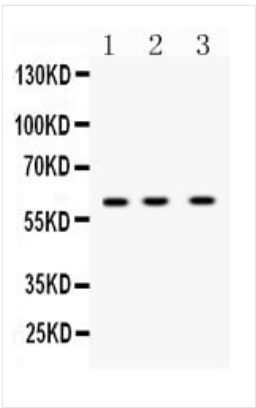
IHC (Immunohistochemistry)
DR5 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- DR5 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
DR5 was detected in paraffin-embedded sections of rat kidney tissues using rabbit anti- DR5 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
DR5 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- DR5 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of DR5 expression in rat thymus extract (lane 1), mouse cardiac muscle extract (lane 2) and K562 whole cell lysates (lane 3). DR5 at 60KD was detected using rabbit anti- DR5 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF10B antibody	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 10B(TNFRSF10B) detection. Background: TNFRSF10B(Tumor necrosis factor receptor superfamily, member 10b) is a human gene. It is also known as DR5, CD262, KILLER, TRICK2, TRICKB, ZTNFR9, TRAILR2, TRICK2A, TRICK2B, TRAIL-R2, KILLER/DR5. The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces apoptosis signal. Mice have a homologous gene, tnfrsf10b that has been essential in the elucidation of the function of this gene in humans. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein.By analysis of radiation hybrid panels, this gene is mapped to chromosome 8p22-p21. Northern blot analysis indicated that TRAILR2 was expressed as a 4.4-kb mRNA in all tissues tested, with the highest levels of expression in peripheral blood lymphocytes, spleen, and ovary.
References	1. Finnberg, N., Klein-Szanto, A. J. P., El-Deiry, W. S. TRAIL-R deficiency in mice promotes susceptibility to chronic inflammation and tumorigenesis. J. Clin. Invest. 118: 111-123, 2008. 2. Takeda, K., Kojima, Y., Ikejima, K., Harada, K., Yamashina, S., Okumura, K., Aoyama, T., Frese, S., Ikeda, H., Haynes, N. M., Cretny, E., Yagita, H., Sueyoshi, N., Sato, N., Nakanuma, Y., Smyth, M. J., Okumura, K. Death receptor 5 mediated-apoptosis contributes to cholestatic liver disease. Proc. Nat. Acad. Sci. 105: 10895-10900, 2008. 3. Walczak, H., Degli-Esposti, M. A., Johnson, R. S., Smolak, P. J., Waugh, J. Y., Boiani, N., Timour, M. S., Gerhart, M. J., Schooley, K. A., Smith, C. A., Goodwin, R. G., Rauch, C. T. TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL. EMBO J. 16: 5386-5397, 1997.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224494019
NCBI GeneID	8795
NCBI Accession #	NP_003833.4
NCBI GenBank Nucleotide #	NM_003842.4
UniProt Accession #	O14763; O14720; O15508; O15517; O15531; Q6UXM8; Q7Z360; Q9BVE0
Molecular Weight	45,083 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10B isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 10b
NCBI Official Symbol	TNFRSF10B
NCBI Official Synonym Symbols	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10B
UniProt Gene Name	TNFRSF10B
UniProt Synonym Gene Names	DR5; KILLER; TRAILR2; TRICK2; ZTNFR9; TRAIL receptor 2; TRAIL-R2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dr5-antibody-immunohistochemistry-western-blot-elisa/46719>