

Anti-TNFRSF25/DR3 Antibody

Catalog # ABO11311

Product Information

Application	WB
Primary Accession	Q93038
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 25(TNFRSF25) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	8718
Other Names	Tumor necrosis factor receptor superfamily member 25, Apo-3, Apoptosis-inducing receptor AIR, Apoptosis-mediating receptor DR3, Apoptosis-mediating receptor TRAMP, Death receptor 3, Lymphocyte-associated receptor of death, LARD, Protein WSL, Protein WSL-1, TNFRSF25, APO3, DDR3, DR3, TNFRSF12, WSL, WSL1
Calculated MW	45385
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	Abundantly expressed in thymocytes and lymphocytes. Detected in lymphocyte-rich tissues such as thymus, colon, intestine, and spleen. Also found in the prostate.
Source	Eukaryota
Protein Name	Tumor necrosis factor receptor superfamily member 25
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human DR3(73-94aa CPQDTFLAWENHHNSECARCQA).
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Contains 1 death domain.

Protein Information

Name	TNFRSF25
Synonyms	APO3, DDR3, DR3, TNFRSF12, WSL, WSL1
Function	Receptor for TNFSF12/APO3L/TWEAK. Interacts directly with the adapter TRADD. Mediates activation of NF-kappa-B and induces apoptosis. May play a role in regulating lymphocyte homeostasis.
Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 9]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted. [Isoform 5]: Secreted. [Isoform 7]: Secreted. [Isoform 10]: Secreted.
Tissue Location	Abundantly expressed in thymocytes and lymphocytes. Detected in lymphocyte-rich tissues such as thymus, colon, intestine, and spleen. Also found in the prostate

Background

TNFRSF25 (Tumor Necrosis Factor Receptor Superfamily Member 25), also known as LARD, APO3, DR3 or TNFR25, is a protein that in humans is encoded by the TNFRSF25 gene. Members of the mammalian tumor necrosis factor receptor (TNFR) family are cell-surface proteins that interact with a corresponding TNF-related ligand family. By fluorescence in situ hybridization, Marsters et al. (1996) mapped the Apo3 gene to 1p36.3. Marsters et al. (1996) showed that ectopic expression of Apo3 in mammalian cells triggered apoptosis and activated the transcription factor NF-kappa-B. They suggested that, like TNFR1, Apo3 may regulate distinct signaling pathways in different cellular contexts.

Images



Anti- DR3 antibody, ABO11311, Western blotting
All lanes:
Anti DR3 (ABO11311) at 0.5ug/ml
WB: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 59KD
Observed bind size: 59KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.