

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11496

Specification

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O93038
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45385

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - 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

Target/Specificity

DR3 (Death Receptor 3)/Apo3

Formulation

100 µg (0.5 mg/ml) antigen affinity-purified rabbit anti-DR3/Apo3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions

Precautions

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - 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

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - Images

DR3 (Death Receptor 3/Apo3) Polyclonal Antibody - Background

Apoptosis can be induced by certain cytokines including TNF and Fas in the TNF superfamily through interaction with their death domain (DD) containing receptors, TNFR1 and Fas. A member of the TNF receptor family was recently identified and designated DR3 (also called Wal-1, Apo3, TRAMP and LARD). The ligand for this novel death receptor has been defined as TWEAK (also termed Apo3L). Like TNFR1, overexpression of DR3 triggers apoptosis and NF-kB activation. Activation of DR3 results in recruitment of TRADD (a DD containing adapter molecule). TRADD associates with FADD, TRAF2, and RIP to activate the signaling complex for NF-kB activation. DR3 activates apoptosis through TRADD, FADD, and caspase-8. DR3 is highly expressed in the tissues enriched in lymphocytes including peripheral blood leucocytes (PBL), thymus and spleen.