

## Summary

<b>Production Name</b>	DR3 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TNFRSF25
<b>Alternative Names</b>	TNFRSF25; APO3; DDR3; DR3; TNFRSF12; WSL; WSL1; 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
<b>Gene ID</b>	8718.0
<b>SwissProt ID</b>	Q93038.Synthesized peptide derived from DR3 . at AA range: 230-310

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000, IHC-P 1:100-300, ELISA 1:20000, IF-P/IF-F/ICC/IF 1:50-200
<b>Molecular Weight</b>	45kDa

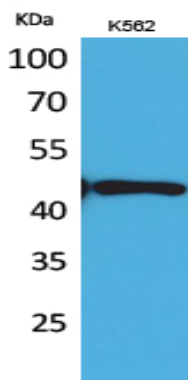
## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed preferentially in the tissues enriched in lymphocytes, and it may play a role in regulating lymphocyte homeostasis. This receptor has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules. The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in 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., PTM: Glycosylated., similarity: Contains 1 death domain., similarity: Contains 4 TNFR-Cys repeats., subunit: Homodimer. Interacts strongly via the death domains with TNFRSF1 and TRADD to activate at least two distinct signaling cascades, apoptosis and NF-kappa-B signaling. Interacts with BAG4., 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.,

## Research Area

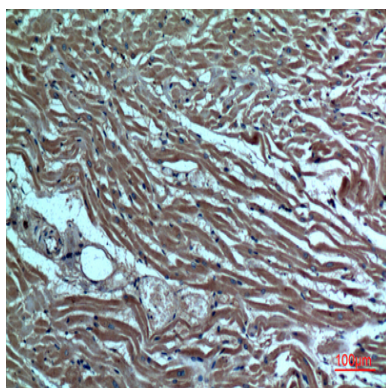
Cytokine-cytokine receptor interaction;

## Image Data

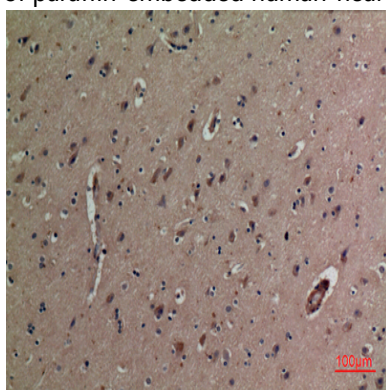


Western Blot analysis of K562 cells using DR3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

**Product Name: DR3 Rabbit Polyclonal Antibody**  
**Catalog #: APRab10149**



Immunohistochemical analysis of paraffin-embedded human-heart, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

## **Note**

For research use only.