

**Product Name: CD137 Rabbit Polyclonal Antibody**  
**Catalog #: APRab08206**



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## Summary

<b>Production Name</b>	CD137 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,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>	TNFRSF9 TNFRSF9; CD137; ILA; Tumor necrosis factor receptor superfamily member 9; 4-1BB
<b>Alternative Names</b>	ligand receptor; CDw137; T-cell antigen 4-1BB homolog; T-cell antigen ILA; CD antigen CD137
<b>Gene ID</b>	3604.0
<b>SwissProt ID</b>	Q07011.The antiserum was produced against synthesized peptide derived from human TNFRSF9. AA range:101-150

## Application

<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:10000
<b>Molecular Weight</b>	27kD

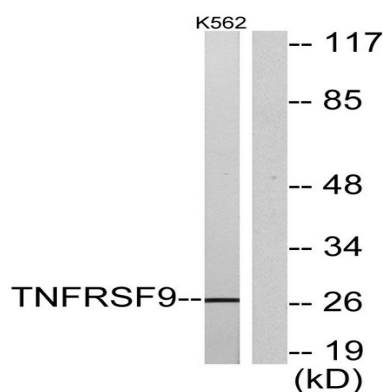
## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq, Jul 2008],function:Receptor for TNFSF14/4-1BBL. Possibly active during T cell activation.,similarity:Contains 4 TNFR-Cys repeats.,subunit:Interacts with TRAF1, TRAF2 and TRAF3. Interacts with LRR-repeat protein 1/LRR-1.,tissue specificity:Expressed on the surface of activated T-cells,.

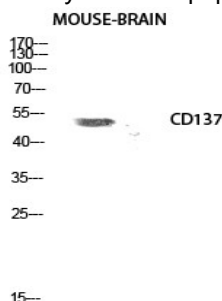
## Research Area

Cytokine-cytokine receptor interaction;

## Image Data



Western blot analysis of lysates from K562 cells, using TNFRSF9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of mouse-brain cells using CD137 Polyclonal Antibody diluted at 1: 500

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**Note**

For research use only.