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**Product Name: CD272 Rabbit Polyclonal Antibody****Catalog #: APRab08319**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,FC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	36kDa

**Antigen Information**

<b>Gene Name</b>	BTLA
<b>Alternative Names</b>	BTLA; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; CD antigen CD272
<b>Gene ID</b>	151888.0
<b>SwissProt ID</b>	Q7Z6A9
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 101-150

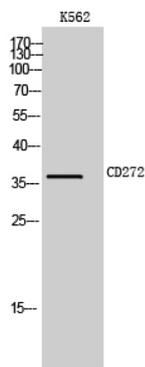
**Background**

This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig)

domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis. [provided by RefSeq, Aug 2011],function:Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response.,PTM:N-glycosylated.,PTM:Phosphorylated on Tyr residues by TNFRSF14 and by antigen receptors cross-linking, both inducing association with PTPN6 and PTPN11.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with tyrosine phosphatases PTPN6/SHP-1 and PTPN11/SHP-2. Interacts with TNFRSF14/HVEM.,

## Research Area

## Image Data



Western Blot analysis of K562 cells using CD272 Polyclonal Antibody