



CD28 Polyclonal Antibody

Catalog No	YP-Ab-13984
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CD28
Immunogen	Synthesized peptide derived from T-cell-specific surface glycoprotein CD28 at AA range: 11-60
Specificity	CD28 Polyclonal Antibody detects endogenous levels of CD28 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD28;CD28 molecule;Tp44;T-cell-specific surface glycoprotein CD28
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell surface .
Tissue Specificity	Expressed in T-cells and plasma cells, but not in less mature B-cells.
Function	function:Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.,online information:CD28 entry,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., subunit:Homodimer; disulfide-linked. Interacts with DUSP14. Binds to CD80/B7-1 and CD86/B7-2/B70.,tissue specificity:Expressed in T-cells and plasma cells, but not in less mature B-cells.,
Background	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

