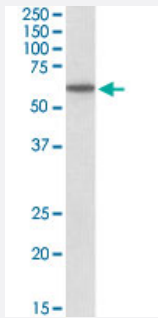


CD80 polyclonal antibody

Catalog # PAB18734 Size 100 ug

Applications



Western Blot (Tissue lysate)

CD80 polyclonal antibody (Cat # PAB18734) (1 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CD80.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human CD80.
Sequence	C-HLRVNQTFNWNTTK
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CD80 polyclonal antibody (Cat # PAB18734) (1 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD80

Entrez GeneID[941](#)**Protein Accession#**[NP_005182.1](#)**Gene Name**

CD80

Gene Alias

CD28LG, CD28LG1, LAB7

Gene Description

CD80 molecule

Omim ID[112203](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.[supplied by OMIM]

Other Designations

B-lymphocyte activation antigen B7|CD80 antigen|CD80 antigen (CD28 antigen ligand 1, B7-1 antigen)|costimulatory factor CD80|costimulatory molecule variant IgV-CD80

Pathway

- [Allograft rejection](#)

- [Autoimmune thyroid disease](#)

- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [Toll-like receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Urinary Bladder Neoplasms](#)

- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)