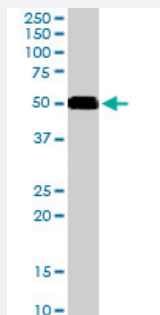


CD2BP2 polyclonal antibody

Catalog # PAB6651

Size 100 ug

Applications



Western Blot (Tissue lysate)

CD2BP2 polyclonal antibody (Cat # PAB6651) (0.3 ug/mL) staining of human thymus 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 CD2BP2.

Immunogen A synthetic peptide corresponding to human CD2BP2.

Sequence PKRKVTFQGVGDE-C

Host Goat

Theoretical MW (kDa) 37.6

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:32000)
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 (0.5% BSA, 0.02% sodium azide)
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)

CD2BP2 polyclonal antibody (Cat # PAB6651) (0.3 ug/mL) staining of human thymus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD2BP2

Entrez GeneID	10421
Protein Accession#	NP_006101.1
Gene Name	CD2BP2
Gene Alias	FWP010, LIN1, Snu40, U5-52K
Gene Description	CD2 (cytoplasmic tail) binding protein 2
Omim ID	604470
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a bi-functional protein. In the cytoplasm, the encoded protein binds the cytoplasmic tail of human surface antigen CD2 via its C-terminal GYF domain, and regulate CD2-triggered T lymphocyte activation. In the nucleus, this protein is a component of the U5 small nuclear ribonucleoprotein complex and is involved in RNA splicing. A pseudogene has been identified on chromosome 7. Alternative splicing results in multiple transcript variants but their biological validity has not been determined. [provided by RefSeq]
Other Designations	CD2 antigen (cytoplasmic tail) binding protein 2 CD2 binding protein 2 CD2 cytoplasmic domain binding protein 2 U5 snRNP 52K protein

Publication Reference

- [Identification of a proline-binding motif regulating CD2-triggered T lymphocyte activation.](#)

Nishizawa K, Freund C, Li J, Wagner G, Reinherz EL.

PNAS 1998 Dec; 95(25):14897.