



CD2BP2 Polyclonal Antibody

Catalog No	BYab-29968
Isotype	IgG
Reactivity	Human;Monkey
Applications	WB;IHC;IF;ELISA
Gene Name	CD2BP2
Protein Name	CD2 antigen cytoplasmic tail-binding protein 2
Immunogen	The antiserum was produced against synthesized peptide derived from human CD2 Tail-binding. AA range:101-150
Specificity	CD2BP2 Polyclonal Antibody detects endogenous levels of CD2BP2 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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD2BP2; KIAA1178; CD2 antigen cytoplasmic tail-binding protein 2; CD2 cytoplasmic domain-binding protein 2; CD2 tail-binding protein 2
Observed Band	50kD
Cell Pathway	Cytoplasm. Nucleus. Predominantly nuclear.
Tissue Specificity	Aorta,Brain,Epithelium,Liver,Lung,
Function	similarity:Contains 1 GYF domain.,subunit:Binds the cytoplasmic domain of CD2 through the GYF domain.,
Background	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, Nov 2008],

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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.

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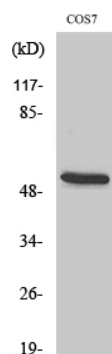
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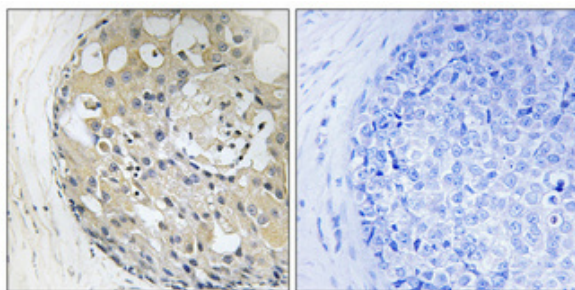
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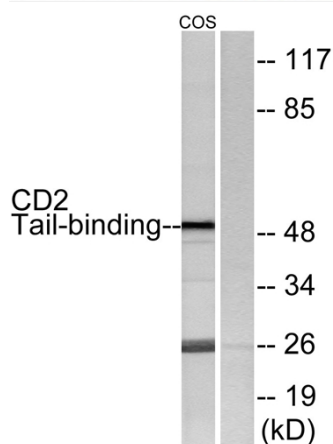
Products Images



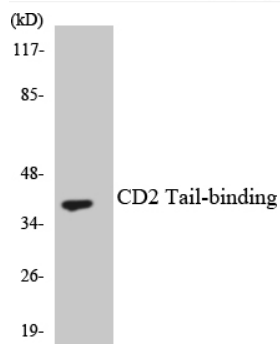
Western Blot analysis of various cells using CD2BP2 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COS7 cells, using CD2 Tail-binding Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using CD2 Tail-binding antibody.

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