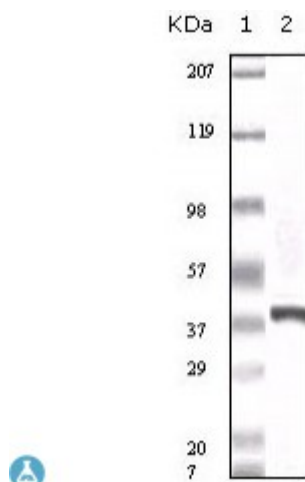


Anti-Calcyclin antibody



Description	Mouse monoclonal to Calcyclin.
Model	STJ97890
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of Calcyclin expressed in E. Coli.
Gene ID	27101
Gene Symbol	CACYPB
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Calcyclin Monoclonal Antibody detects endogenous levels of Calcyclin protein.
Purification	Affinity purification
Clone ID	7D11
Note	For Research Use Only (RUO).
Protein Name	Calcyclin-binding protein CacyBP hCacyBP S100A6-binding protein Siah-interacting protein
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Purified antibody in PBS containing 0.03% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:30423OMIM:606186
Alternative Names	Calcyclin-binding protein CacyBP hCacyBP S100A6-binding protein Siah-interacting protein
Function	May be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins. Probably serves as a molecular bridge in ubiquitin E3 complexes. Participates in the ubiquitin-mediated degradation of beta-catenin (CTNNB1).
Cellular Localization	Nucleus Cytoplasm. Cytoplasmic at low calcium concentrations. In neuroblastoma cells, after a retinoic acid (RA) induction and calcium increase, it localizes in both the nucleus and cytoplasm. The nuclear fraction may be phosphorylated.
Post-translational Modifications	Phosphorylated on serine residues. Phosphorylated upon induction by RA or at high calcium concentrations.

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