

Product datasheet for **AM06112PU-N**

SIAH Interacting Protein (CACYPB) Mouse Monoclonal Antibody [Clone ID: 7D11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7D11
Applications:	ELISA, IHC, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of calcyclin expressed in E. Coli.
Specificity:	This antibody reacts to Calcyclin.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0,03% sodium azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	calcyclin binding protein
Database Link:	Entrez Gene 27101 Human Q9HB71



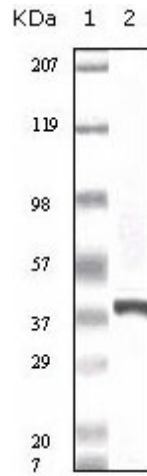
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Background:

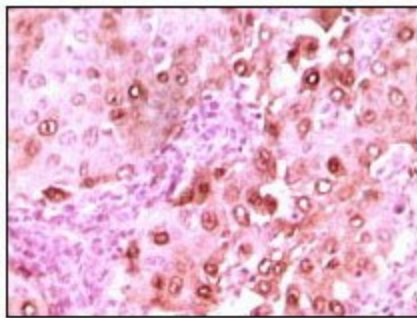
Calcyclin encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

Synonyms:

Calcyclin-binding protein, S100A6BP, SIP, PNAS-107, Siah-interacting protein, S100A6-binding protein

Product images:


Western blot analysis using calcyclin mouse mAb against truncated calcyclin recombinant protein.



Immunohistochemical analysis of paraffin-embedded human brain glioma tissue showing nuclear localization using calcyclin mouse mAb with DAB staining.