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EVI5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9168c

Product Information

Application	WB, E
Primary Accession	O60447
Other Accession	Q9D099, Q9NUN7
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22621
Calculated MW	92949
Antigen Region	191-220

Additional Information

Gene ID	7813
Other Names	Ecotropic viral integration site 5 protein homolog, EVI-5, Neuroblastoma stage 4S gene protein, EVI5, NB4S
Target/Specificity	This EVI5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-220 amino acids from the N-terminal region of human EVI5.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	EVI5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EVI5
Synonyms	NB4S

Function	Functions as a regulator of cell cycle progression by stabilizing the FBXO5 protein and promoting cyclin-A accumulation during interphase. May play a role in cytokinesis.
Cellular Location	Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle Note=Associates with the mitotic spindle through anaphase and remains within the midzone and midbody until completion of cytokinesis
Tissue Location	Expressed in various cell lines (at protein level). Expressed in a wide range of tissues including brain and adrenal

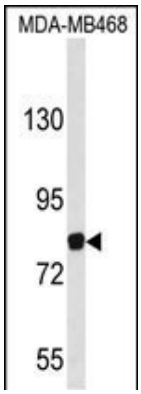
Background

EVI5 is a novel centrosomal protein with a complex expression pattern and subcellular localization, possibly involved in centrosome stability and dynamics. It may act as an oncogene.

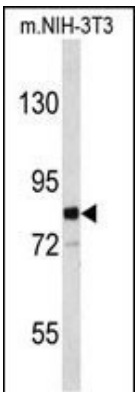
References

Jacob,B., et.al., Blood 115 (8), 1610-1620 (2010)
Hoppenbrouwers,I.A., et.al., J. Hum. Genet. 54 (11), 676-680 (2009)

Images



Western blot analysis of EVI5 Antibody (Center) (Cat. #AP9168c) in MDA-MB468 cell line lysates (35ug/lane). EVI5 (arrow) was detected using the purified Pab.



Western blot analysis of EVI5 Antibody (Center) (Cat. #AP9168c) in mouse NIH-3T3 cell line lysates (35ug/lane). EVI5 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.