

EVI5 rabbit pAb

Catalog No :	YT7735
Reactivity :	Human;Mouse
Applications :	WB
Target :	EVI5
Gene Name :	EVI5 NB4S
Protein Name :	EVI5
Human Gene Id :	7813
Human Swiss Prot No :	O60447
Mouse Swiss Prot No :	P97366
Immunogen :	Synthesized peptide derived from human EVI5 AA range: 1-51
Specificity :	This antibody detects endogenous levels of EVI5 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	89kD

Function : disease:A chromosomal aberration involving EVI5 is found in a patient with stage 4S neuroblastoma. Translocation t(1;10)(p22;q21) that forms a EVI5-TRNG10 fusion protein. TRNG10 is a probable structural transcript which is normally not translated.,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.,induction:Down-regulated during mitosis through proteasomal degradation.,miscellaneous:Depletion of EVI5 by RNAi causes cell cycle arrest and mitotic abnormalities.,PTM:Probably phosphorylated by PLK1; may be required for degradation during mitosis.,PTM:Ubiquitinated. Degradation during prophase is ubiquitin-dependent.,similarity:Contains 1 Rab-GAP TBC domain.,subcellular location:Associates with the mitotic spindle through anaphase and remains within the midzone and

Subcellular Location : Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Associates with the mitotic spindle through anaphase and remains within the midzone and midbody until completion of cytokinesis.

Expression : Expressed in various cell lines (at protein level). Expressed in a wide range of tissues including brain and adrenal.

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