

ACTY rabbit pAb

Catalog No :	YT7504
Reactivity :	Human;Mouse
Applications :	WB
Target :	ACTY
Fields :	>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Pathways of neurodegeneration - multiple diseases;>>Salmonella infection
Gene Name :	ACTR1B CTRN2
Protein Name :	ACTY
Human Gene Id :	10120
Human Swiss Prot No :	P42025
Mouse Gene Id :	226977
Mouse Swiss Prot No :	Q8R5C5
Immunogen :	Synthesized peptide derived from human ACTY AA range: 29-79
Specificity :	This antibody detects endogenous levels of ACTY 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)

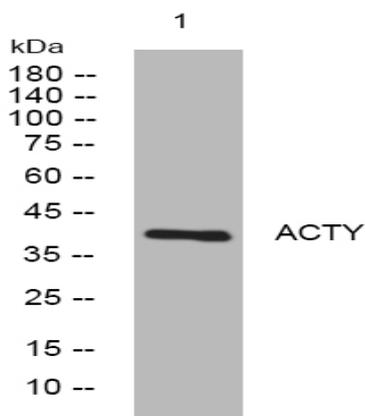
Molecularweight : 41kD

Background : This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008],

Function : function:Component of a multi-subunit complex involved in microtubule based vesicle motility. It is associated with the centrosome.,similarity:Belongs to the actin family.,similarity:Belongs to the actin family. ARP1 subfamily.,

Subcellular Location : Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.

Products Images



Western blot analysis of lysates from AD293 cells, primary antibody was diluted at 1:1000, 4° over night