



Actin rabbit pAb

Cat No.:ES1589

For research use only

Overview

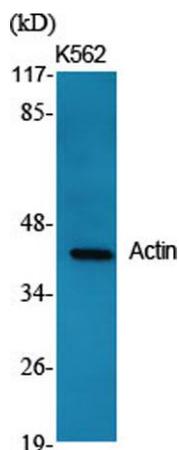
Product Name	Actin rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat;Fish
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Actin. AA range:326-375
Specificity	Actin Polyclonal Antibody detects endogenous levels of Actin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Actin cytoplasmic 2
Gene Name	ACTG1
Cellular localization	Cytoplasm, cytoskeleton . Nucleus . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	60/71
Human Swiss-Prot Number	P60709/Q9BYX7/P63261
Alternative Names	ACTB; Actin; cytoplasmic 1; Beta-actin; POTEKP; ACTBL3; FKSG30; Putative beta-actin-like protein 3; Kappa-actin; POTE ankyrin domain family member K; ACTG1; ACTB; ACTG; Actin, cytoplasmic 2; Gamma-actin



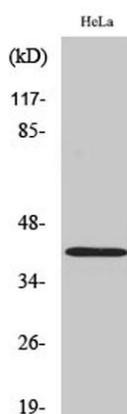


Background

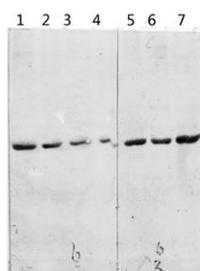
This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Actin Polyclonal Antibody diluted at 1:2000



Western Blot analysis of HeLa cells using Actin Polyclonal Antibody diluted at 1:2000



1 MCF-7
2 U2OS
3 HeLa UV
4 MCF-7 UV
5 3T3 UV
6 KB UV
7 U2OS UV

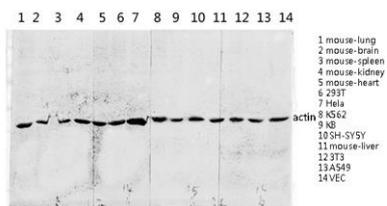
Western blot analysis of various lysis using Actin Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000





ELK Biotechnology

Western blot analysis of various lysis using Actin Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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