

Recombinant

DGRmAb®

ACTL6A (DGR31311) Rabbit mAb

db11424

Package : 10µL 20µL 50µL 100µL

Product Name : ACTL6A (DGR31311) Rabbit mAb**Cat.No.:** db11424**Synonyms** : Arp4; ACTL6; BAF53A; INO80K; ARPN-BETA**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a family member of actin-related proteins (ARPs), which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This gene encodes a 53 kDa subunit protein of the BAF (BRG1/brm-associated factor) complex in mammals, which is functionally related to SWI/SNF complex in *S. cerevisiae* and *Drosophila*; the latter is thought to facilitate transcriptional activation of specific genes by antagonizing chromatin-mediated transcriptional repression. Together with beta-actin, it is required for maximal ATPase activity of BRG1, and for the association of the BAF complex with chromatin/matrix. Three transcript variants that encode two different protein isoforms have been described. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human ACTL6A

Gene ID

86

Swiss Prot

O96019

Synonyms

Arp4; ACTL6; BAF53A; INO80K; ARPN-BETA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

Calculated MW

48 kDa

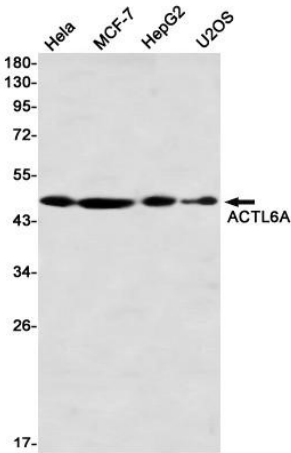
Observed MW

48 kDa

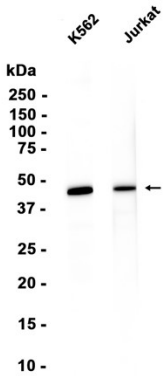
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR31311
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of ACTL6A in HeLa, MCF-7, HepG2, U2OS using ACTL6A antibody(1:1000 diluted).



Western blot analysis of extracts from K562, Jurkat cells using db11424 at 1:1000.