

Recombinant

DGRmAb®

ACTL6A (DGR31311) Rabbit mAb (PBS Only)

db11424-PBS

Package : 100µg

Product Name : ACTL6A (DGR31311) Rabbit mAb (PBS Only)**Cat.No.:** db11424-PBS**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

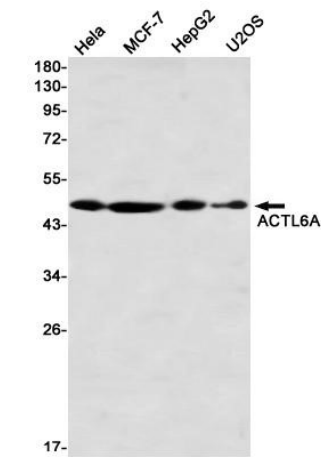
Observed MW

48 kDa

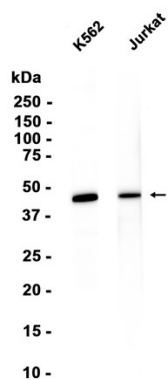
Host species

Rabbit

| | |
|-------------------|---|
| Clonality | Monoclonal |
| Clonality No. | DGR31311 |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Concentration | 1 mg/ml |
| Formulation | PBS Only |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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](#)