

Recombinant

DGRmAb®

**ACTL6A (DGR31311) Rabbit mAb (PBS Only)**

db11424-PBS

Package : 10µg 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

**Calculated MW**

48 kDa

**Observed MW**

48 kDa

**Host species**

Rabbit

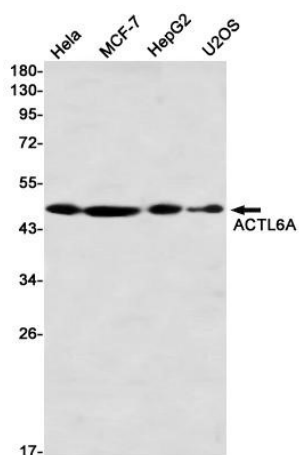
**Clonality**

Monoclonal

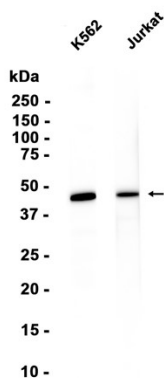
**Clonality No.**

DGR31311

|                          |   |
|--------------------------|---|
| <b>Isotype</b>           | IgG   |
| <b>Purity</b>            | Affinity Purification   |
| <b>Conjugation</b>       | Un-conjugated   |
| <b>Concentration</b>     | 1 mg/mL   |
| <b>Formulation</b>       | PBS Only  |
| <b>Storage Stability</b> | 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 at 1:1000.