Recombinant DGRmAb®

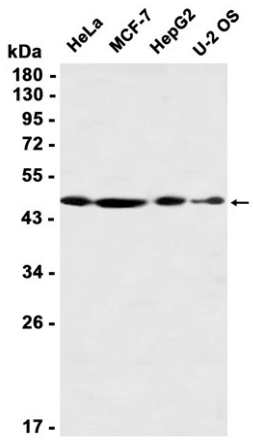
ACTL6A (DGR31311) Rabbit mAb (PBS Only)

db11424-PBS **Package : 10μg 100μg**

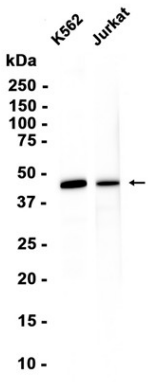
Product Name : ACTL6A (DGR31311) Rabbit mAb (PBS Only)
Cat.No.: db11424-PBS
Synonyms : Arp4; ACTL6; BAF53A; INO80K; ARPN-BETA
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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

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 analysis of extracts from HeLa, MCF-7, HepG2, U-2 OS cells using db11424 at 1:1000.



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