Recombinant DGRmAb®

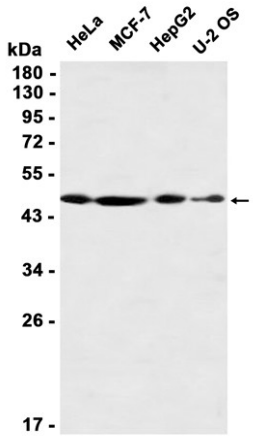
ACTL6A (DGR31311) Rabbit mAb

db11424 **Package : 10μL 20μL 50μL 100μL**

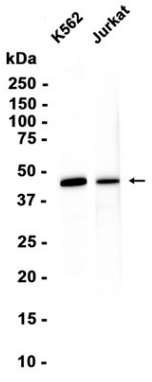
Product Name : ACTL6A (DGR31311) Rabbit mAb
Cat.No.: db11424
Synonyms : Arp4; ACTL6; BAF53A; INO80K; ARPN-BETA
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 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.