



Anti-AKAP6 polyclonal antibody (DPAB-DC1140)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	AKAP6 (A kinase (PRKA) anchor protein 6) is a protein-coding gene. Diseases associated with AKAP6 include focal epilepsy, and polycystic kidney disease, and among its related super-pathways are Activation of cAMP-Dependent PKA and Signal transduction cAMP signaling. GO annotations related to this gene include protein kinase A binding and receptor binding.
Specificity	Specific to recombinant protein GX1003. This antibody detects mAKAP6 protein.
Immunogen	Recombinant GST fusion protein corresponding to 165 mouse Akap6. The sequence is KEDVDCFFEACVEDEPADEEARLSSALPNESEVQDEAAKPEQMTASSSVFRDETDTVPLS GLSPQKGADDAKEGDGASHTSQGCVESAEP TTPGKAKREGSSRKQSVSGTPEENAASAK PKIQAFSLNAKQPKGKAALYPSPQTLTCKEKLVSFHEDRHSNMHR
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Akap6 A kinase (PRKA) anchor protein 6 [Mus musculus (house mouse)]
Official Symbol	AKAP6
Synonyms	AKAP6; A kinase (PRKA) anchor protein 6; PRKA; AI482140; Akapbeta; Akapalpha; anchor protein 6; A-kinase anchoring protein beta; A-kinase anchoring protein alpha;
Entrez Gene ID	238161
Protein Refseq	NP_932779
UniProt ID	E9Q9K8
Chromosome Location	12 C1; 12
Pathway	G Protein Signaling Pathways;
Function	adenylate cyclase binding; enzyme binding; ion channel binding; kinase activity