

PKIA mouse monoclonal antibody (hybridoma)

Catalog # H00005569-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PKIA.
Immunogen	PKIA (NP_006814.1, 1 a.a. ~ 76 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTDVETTYADFIASGRTGRRNAIHDILVSSASGNSNELALKLAGLDINKTEGEEDAQRSSTEQSGE AQGEAAKSES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PKIA

Entrez GeneID [5569](#)**GeneBank Accession#** [NM_006823.2](#)**Protein Accession#** [NP_006814.1](#)**Gene Name** PKIA**Gene Alias** PRKACN1**Gene Description** protein kinase (cAMP-dependent, catalytic) inhibitor alpha**Omim ID** [606059](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the cAMP-dependent protein kinase (PKA) inhibitor family. This protein was demonstrated to interact with and inhibit the activities of both C alpha and C beta catalytic subunits of the PKA. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]

Other Designations PKI-alpha|cAMP-dependent protein kinase inhibitor alpha

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)