



# PRKRA Monoclonal Antibody

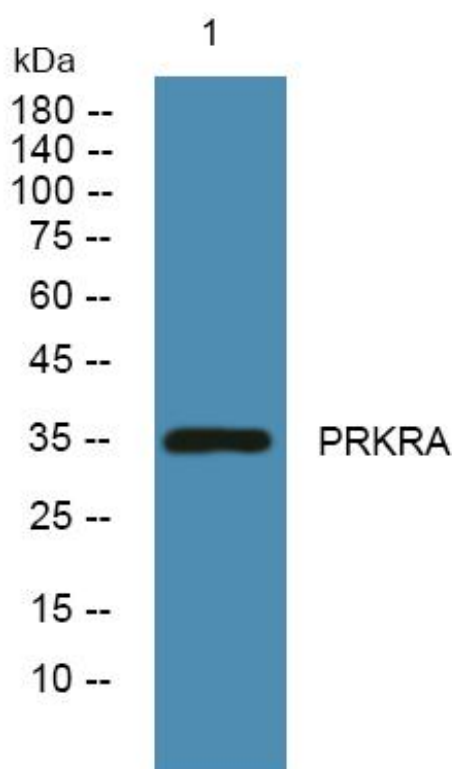
Catalog No	BYmab-07774
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PRKRA PACT RAX HSD-14 HSD14
Protein Name	Interferon-inducible double stranded RNA-dependent protein kinase activator A (PKR-associated protein X) (PKR-associating protein X) (Protein activator of the interferon-induced protein kinase) (Prote
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PRKRA Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	34kD
Cell Pathway	Cytoplasm, perinuclear region. Cytoplasm.
Tissue Specificity	Brain,Epithelium,Placenta,Testis,
Function	disease:Defects in PRKRA are the cause of dystonia type 16 (DYT16) [MIM:612067]. DYT16 is an early-onset dystonia-parkinsonism disorder. Dystonia is defined by the presence of sustained involuntary muscle contraction, often leading to abnormal postures. DYT16 patients have progressive, generalized dystonia with axial muscle involvement, oro-mandibular (sardonic smile) and laryngeal dystonia and, in some cases, parkinsonian features.,function:Appears to have a pro-apoptotic function that may be suppressed in the presence of growth factor (By similarity). Activates EIF2AK2 in absence of double stranded RNA (dsRNA).,PTM:Phosphorylated on serine.,similarity:Contains 3 DRBM (double-stranded RNA-binding) domains.,subunit:Heterodimer. Interacts with EIF2AK2 through its DRBM domains. Also able to interact with dsRNA.,

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<b>Background</b>	This gene encodes a protein kinase activated by double-stranded RNA which mediates the effects of interferon in response to viral infection. Mutations in this gene have been associated with dystonia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PRKRA Monoclonal Antibody