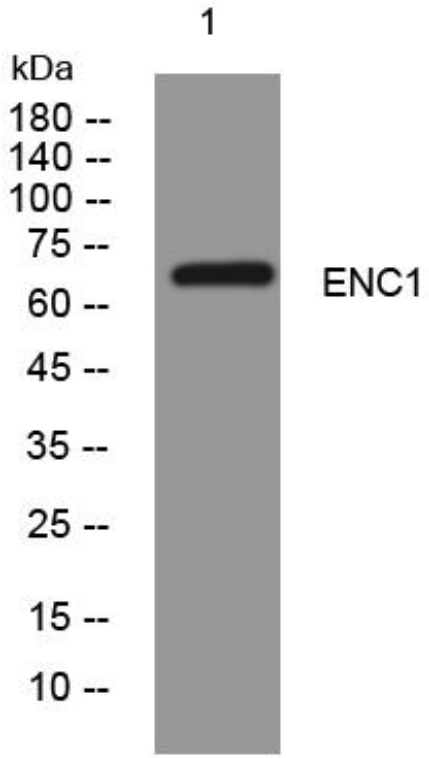
ENC1 mouse mAb

Catalog No	BYmab-11996
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	ENC1 KLHL37 NRPB PIG10
Protein Name	ENC1
Immunogen	Synthesized peptide derived from human ENC1 AA range: 241-291
Specificity	This antibody detects endogenous levels of ENC1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	
Cell Pathway	Nucleus matrix . Cytoplasm . Cytoplasm, cytoskeleton .
Tissue Specificity	Detected in fetal brain tissue, moderate expression in fetal heart, lung and kidney. Highly expressed in adult brain, particularly high in the hippocampus and amygdala, and spinal chord. Detectable in adult pancreas. May be down-regulated in neuroblastoma tumors.
Function	developmental stage:Dramatically up-regulated upon neuronal differentiation.,function:Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. May be down-regulated in neuroblastoma tumors. Substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.,induction:By TP53/p53.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated.,PTM:Ubiquitinated and probably targeted for proteasome-independent degradation.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 6 Kelch repeats.,subunit:Binds to RB1.

	Hypophosphorylated RB1 associates with ENC1 during neuronal differentiation, while hyperphosphorylated RB1 associates with ENC1 in undifferentiating cells. Part of a complex that contains CUL3, RBX1 and E
Background	This gene encodes a member of the kelch-related family of actin-binding proteins. The encoded protein plays a role in the oxidative stress response as a regulator of the transcription factor Nrf2, and expression of this gene may play a role in malignant transformation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	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 ENC1 mouse mAb