



ROAA Monoclonal Antibody

Catalog No	YP-mAb-06557
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	HNRNPAB ABBP1 HNRPAB
Protein Name	Heterogeneous nuclear ribonucleoprotein A/B (hnRNP A/B) (APOBEC1-binding protein 1) (ABBP-1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ROAA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	36kD
Cell Pathway	Nucleus . Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
Tissue Specificity	Ubiquitous.
Function	function: Binds single-stranded RNA. Has a high affinity for G-rich and U-rich regions of hnRNA. Also binds to APOB mRNA transcripts around the RNA editing site.,PTM: Dimethylation at Arg-322 is probably asymmetric.,similarity: Contains 2 RRM (RNA recognition motif) domains.,subunit: Interacts with APOBEC1.,tissue specificity: Ubiquitous.,
Background	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene, which binds to one of the components of the multiprotein editosome complex, has two repeats of quasi-RRM (RNA recognition motif) domains that bind to RNAs. Two alternatively



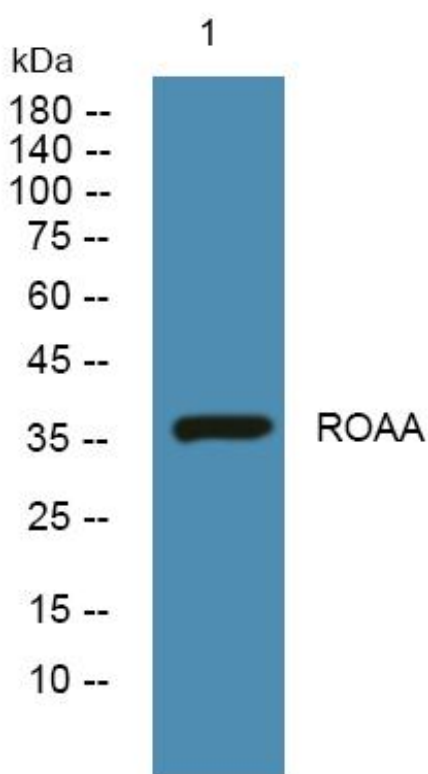
spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

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 ROAA Monoclonal Antibody