



SRA1 mouse mAb

Catalog No	BYmab-02268
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SRA1 PP7684
Protein Name	SRA1
Immunogen	Synthesized peptide derived from human SRA1
Specificity	This antibody detects endogenous levels of Human SRA1
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	Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein;SRAP)
Observed Band	
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Highly expressed in liver and skeletal muscle and to a lesser extent in brain. Also expressed in both normal and tumorigenic breast epithelial cell lines. Significantly up-regulated in human tumors of the breast, ovary, and uterus.
Function	function:Functional RNA which acts as a transcriptional coactivator that selectively enhances steroid receptor-mediated transactivation ligand-independently through a mechanism involving the modulating N-terminal domain (AF-1) of steroid receptors. Also mediates transcriptional coactivation of steroid receptors ligand-dependently through the steroid-binding domain (AF-2). Enhances cellular proliferation and differentiation and promotes apoptosis in vivo. May play a role in tumorigenesis.,miscellaneous:Appears to be the first example of a new class of functional RNAs also able to encode a protein.,similarity:Belongs to the SRA1 family.,subunit:SRA1 RNA exists in a ribonucleoprotein complex containing NCOA1. The RNA also forms a complex with PUS1 and RARG in the nucleus. Interacts with AR.,tissue specificity:Highly expressed in liver and skeletal

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muscle and to a lesser extent in brain. Als

Background

Both long non-coding and protein-coding RNAs are transcribed from this gene, and they represent alternatively spliced transcript variants. This gene was initially defined as a non-coding RNA, which is a coactivator for several nuclear receptors (NRs) and is associated with breast cancer. It has now been found that this gene is involved in the regulation of many NR and non-NR activities, including metabolism, adipogenesis and chromatin organization. The long non-coding RNA transcripts interact with a variety of proteins, including the protein encoded by this gene. The encoded protein acts as a transcriptional repressor by binding to the non-coding RNA. [provided by RefSeq, Mar 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

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