



Datasheet for ABIN783405
anti-ESRP1 antibody (N-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	ESRP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ESRP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	12 amino acid peptide near the amino terminus of Human RBM35A
Specificity:	This antibody detects ESRP1 / RBM35A at N-term. It is predicted to not cross-react with other RBM35/ESRP family members. At least five isoforms of RBM35A are known to exist, this antibody will detect all five.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat.
Purification:	Affinity Chromatography purified via peptide column

Target Details

Target:	ESRP1
Alternative Name:	ESRP1 / RBM35A (ESRP1 Products)

Target Details

Background: RBM35A, also known as ESRP1, is a mRNA splicing factor that with its related protein RBM35B (ESRP2) are coordinators of an epithelial cell-type-specific splicing program. RBM35A contains three putative RNA recognition motifs and acts by directly binding specific sequences in mRNAs. RBM35A is involved in posttranscriptional regulation of a number of genes such as FGFR2, CD44, CTNND1, and ENAH by exerting a differential effect on protein translation via 5' UTRs of mRNAs. Other recent studies have shown that RMB35A may also act as a novel tumor suppressor. Synonyms: Epithelial splicing regulatory protein 1, RNA-binding motif protein 35A, RNA-binding protein 35A

Gene ID: 54845

NCBI Accession: [NP_001030087](#)

UniProt: [Q6NXG1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, 0.02 % Sodium Azide

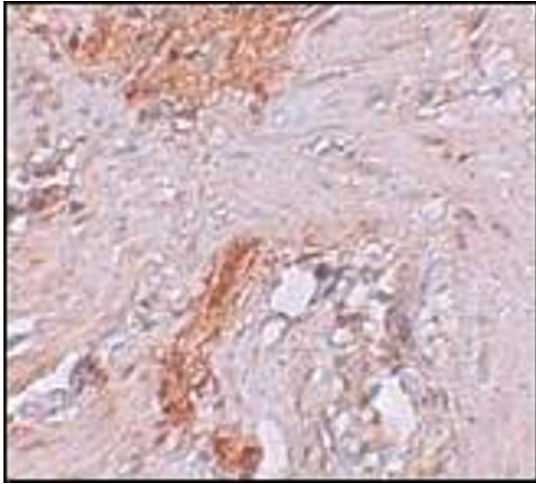
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

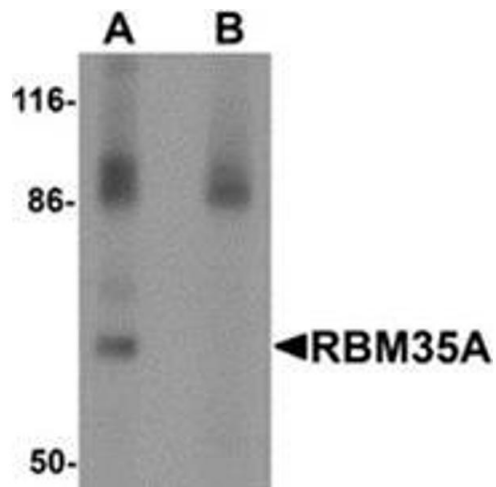
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of RBM35A in Human colon tissue with RBM35A antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of RBM35A in rat colon tissue lysate with RBM35A antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.