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Datasheet for ABIN2855184
anti-HNRNP/AUF1 antibody

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	HNRNP/AUF1 (HNRNP)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNRNP/AUF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human AUF1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to AUF1 (heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37 kDa)) AUF1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HNRNP/AUF1 (HNRNP)
Alternative Name:	heterogeneous nuclear ribonucleoprotein D (HNRNP Products)

Target Details

Background: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins 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 has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants.

Cellular Localization: Nucleus

Molecular Weight: 38 kDa

Gene ID: 3184

UniProt: [Q14103](#)

Application Details

Application Notes: WB: 1:5000-1:20000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain , 293T , Raji

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.45 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

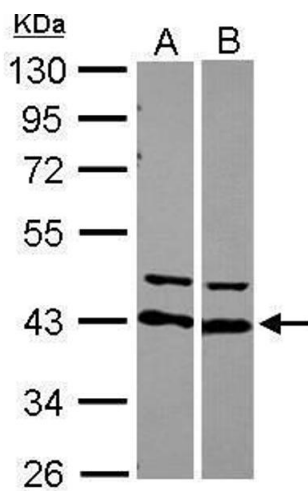
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

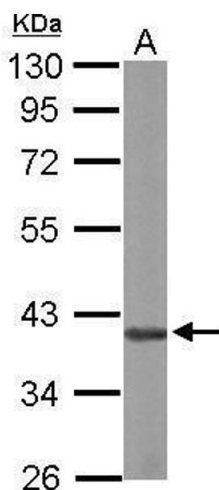
Product cited in: Yang, Chien, Lai, Su, Jan, Hsiao, Chen: "Monoamine Oxidase B Expression Correlates with a Poor Prognosis in Colorectal Cancer Patients and Is Significantly Associated with Epithelial-to-Mesenchymal Transition-Related Gene Signatures." in: **International journal of molecular sciences**, Vol. 21, Issue 8, (2020) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: 293T B: Raji 10% SDS PAGE antibody diluted at 1:10000



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: mouse brain 10% SDS PAGE antibody diluted at 1:5000