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Anti-DDX19B Antibody

Catalog # AP60752

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9UMR2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53927

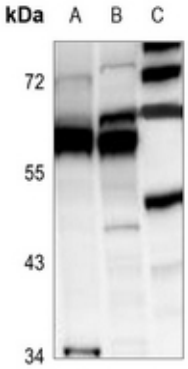
Additional Information

Gene ID	11269
Other Names	DBP5; DDX19; TDBP; ATP-dependent RNA helicase DDX19B; DEAD box RNA helicase DEAD5; DEAD box protein 19B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DDX19B. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

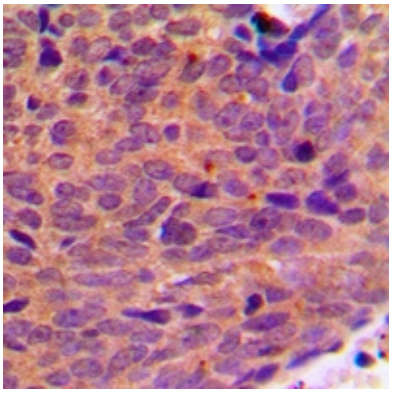
Protein Information

Name	DDX19B
Synonyms	DBP5, DDX19, TDBP
Function	ATP-dependent RNA helicase involved in mRNA export from the nucleus (PubMed:10428971). Rather than unwinding RNA duplexes, DDX19B functions as a remodeler of ribonucleoprotein particles, whereby proteins bound to nuclear mRNA are dissociated and replaced by cytoplasmic mRNA binding proteins (PubMed:10428971).
Cellular Location	Cytoplasm. Nucleus, nucleoplasm. Note=Associates with the nuclear pore complex cytoplasmic fibrils

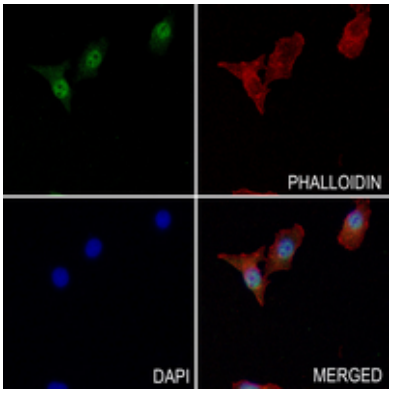
Images



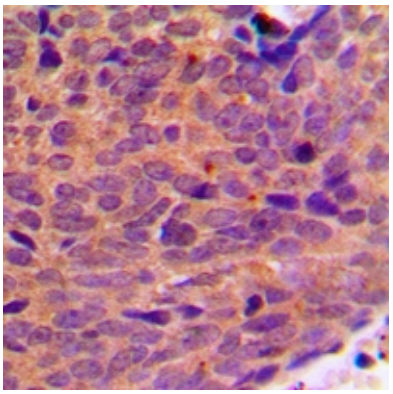
Western blot analysis of DDX19B expression in LO2 (A), A375 (B), mouse kindey (C) whole cell lysates. (Predicted band size: 53 kD; Observed band size: 60 kD)



Immunohistochemical analysis of DDX19B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of DDX19B staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.