

Anti-DDX55 Antibody

Catalog # AP60451

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q8NHQ9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68547

Additional Information

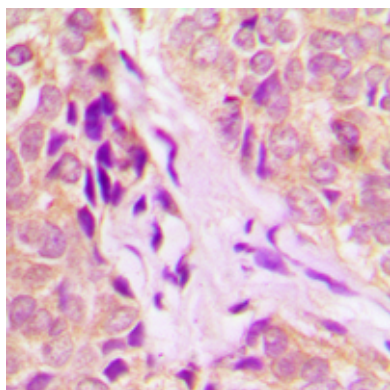
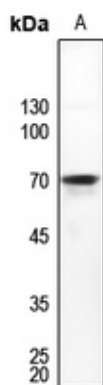
Gene ID	57696
Other Names	KIAA1595; ATP-dependent RNA helicase DDX55; DEAD box protein 55
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DDX55. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (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

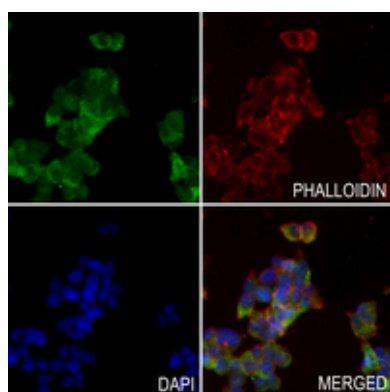
Name	DDX55 (HGNC:20085)
Synonyms	KIAA1595
Function	Probable ATP-binding RNA helicase. Has ATPase activity and is involved in the maturation of precursor large subunit rRNAs (PubMed: 33048000).
Cellular Location	Nucleus, nucleoplasm

Images

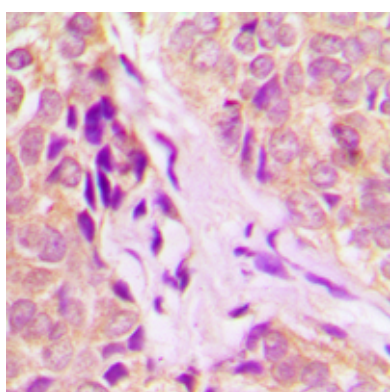
Western blot analysis of DDX55 expression in HepG2 (A) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD)



Immunohistochemical analysis of DDX55 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 DDX55 staining in MIN6 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 humidified 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'.