10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-DDX52 Antibody
Rabbit polyclonal antibody to DDX52
Catalog # AP60450

Specification

Anti-DDX52 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q9Y2R4
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**67466**

Anti-DDX52 Antibody - Additional Information

Gene ID 11056

Other Names
ROK1; Probable ATP-dependent RNA helicase DDX52; ATP-dependent RNA helicase ROK1-like; DEAD box protein 52

Target/Specificity
Recognizes endogenous levels of DDX52 protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-DDX52 Antibody - Protein Information

Name DDX52 (HGNC:20038)

Synonyms ROK1

Function
Required for efficient ribosome biogenesis (By similarity). May control cell cycle progression by regulating translation of mRNAs that contain a terminal oligo pyrimidine (TOP) motif in their 5' UTRs, such as GTPBP4 (By similarity).

Cellular Location
Nucleus, nucleolus.

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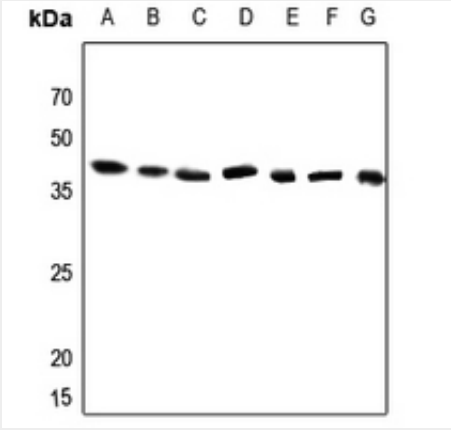
Anti-DDX52 Antibody - Protocols

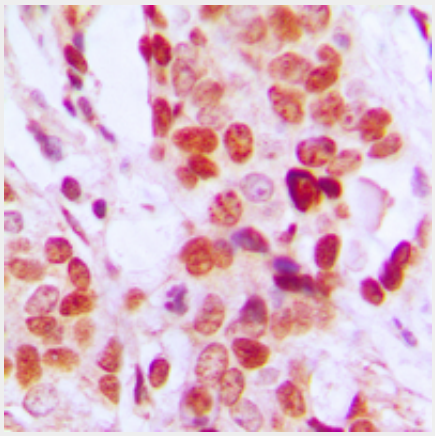
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-DDX52 Antibody - Images



Western blot analysis of DDX52 expression in HEK293T (A), Hela (B), HGC27 (C), mouse kidney (D), mouse liver (E), rat kidney (F), rat liver (G) whole cell lysates.



Immunohistochemical analysis of DDX52 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.

Anti-DDX52 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human

DDX52. The exact sequence is proprietary.