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**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: Aliquot and store at
-20°C. Minimize freezing and
thawing.

Product: EB06310 – Goat anti-DDX5 / p68 RNA helicase

Target Protein

Principal Names: DDX5; P68; HLR1; G17P1; HUMP68; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kDa); RNA-dependent ATPase; DEAD/H box-5 (RNA helicase, 68kD); DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD)

Official Gene Symbol: DDX5

Accession Number(s): NP_004387

Human Gene ID(s): 1655

Non-Human GeneID(s): 13207 (mouse);

Immunogen

Peptide with sequence C-PMIGYPMPTGYSQ, from the C Terminus of the protein sequence according to NP_004387

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16,000. Western Blot: Approx 70kDa band observed in HeLa and A431 lysates (predicted MW of 71kDa according to NP_004387). Recommended for use at 0.5-1µg/ml. Immunofluorescence: A customer has reported successful staining at a dilution of 1:100 on HT-1080 cells with a Rhodamine conjugated secondary.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

Background Reference

Iggo R, Gough A, Xu W, Lane DP, Spurr NK.

Chromosome mapping of the human gene encoding the 68-kDa nuclear antigen (p68) by using the polymerase chain reaction.

Proc Natl Acad Sci U S A. 1989 Aug;86(16):6211-4.

PMID: 2762324



EB06310 staining (0.5 μ g/ml) of HeLa lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.