

Rabbit anti-Human DDX46 Polyclonal Antibody | anti-DDX46 antibody

Anti-DDX46 Antibody, Rabbit Polyclonal

CATALOG # AAA256481	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry
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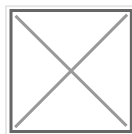
PRODUCT SYNONYMS

DDX46; Polyclonal Antibody; Anti-DDX46 Antibody; Rabbit Polyclonal; DDX46 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-KIAA0801 Antibody; anti-DDX46 antibody

PRODUCT SPECIFICATIONS

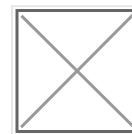
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human DDX46
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-DDX46 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human DDX46 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human DDX46 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of DDX46 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human DDX46 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human DDX46 in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human DDX46 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX46 antibody	DEAD-box helicase 46 (DDX46) is a member of the DEAD-box (DDX) helicase family which plays critical roles in cellular metabolism and cellular proliferation and neoplastic transformation. Knockdown of DDX46 significantly suppresses migration and invasion in osteosarcoma cells and substantially downregulates the phosphorylation levels of PI3K and Akt in SaOS2 cells. DDX46 may be a potential therapeutic target for the treatment of osteosarcoma, colorectal cancer (CRC) and esophageal squamous cell carcinoma (ESCC).
References	Li M, et al. (2015) Lentiviral ddx46 knockdown inhibits growth and induces apoptosis in human colorectal cancer cells. Gene 560 (2): 237-244. Li B, et al. (2016) Knockdown of ddx46 inhibits proliferation and induces apoptosis in esophageal squamous cell carcinoma cells. Oncol Rep 36 (1): 223-230. Jiang F, et al. (2017) Knockdown of ddx46 inhibits the invasion and tumorigenesis in osteosarcoma cells. Oncol Res 25 (3): 417-425.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx46-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256481>