

DDX28 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55470**Specification**

DDX28 Polyclonal Antibody - Product Information

Application	IHC-P, WB
Primary Accession	O9NUL7
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59581

DDX28 Polyclonal Antibody - Additional Information**Gene ID** 55794**Other Names**

Probable ATP-dependent RNA helicase DDX28, 3.6.4.13, Mitochondrial DEAD box protein 28, DDX28, MDDX28

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DDX28 Polyclonal Antibody - Protein Information**Name** DDX28**Synonyms** MDDX28**Function**

Plays an essential role in facilitating the proper assembly of the mitochondrial large ribosomal subunit and its helicase activity is essential for this function (PubMed:25683708, PubMed:25683715). May be involved in RNA processing or transport. Has RNA and Mg(2+)- dependent ATPase activity (PubMed:11350955).

Cellular Location

Nucleus. Mitochondrion. Mitochondrion matrix, mitochondrion nucleoid. Mitochondrion matrix. Note=Transported between these two compartments. Nuclear localization depends on active RNA polymerase II transcription. Localizes to mitochondrial RNA granules found in close proximity to the mitochondrial nucleoids.

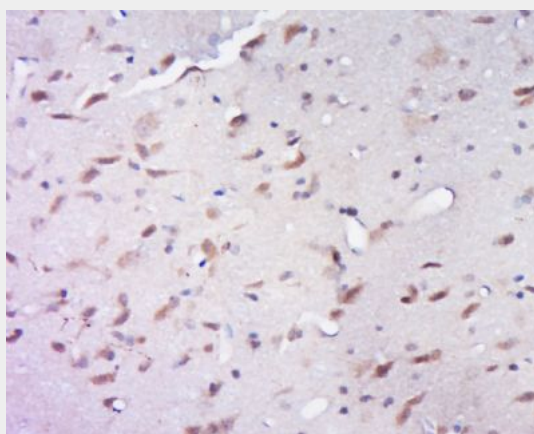
Tissue Location

Expressed in all tissues tested, including brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, leukocytes, colon, small intestine, ovary and prostate

DDX28 Polyclonal Antibody - Protocols

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

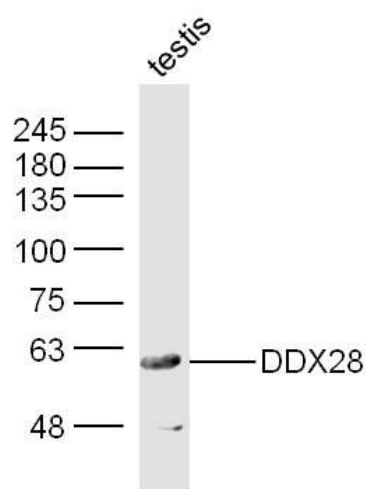
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DDX28 Polyclonal Antibody - Images

Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DDX28 Polyclonal Antibody, Unconjugated(bs-14224R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample: testis (Mouse) Lysate at 40 ug
Primary: Anti-DDX28(bs-14224R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60 kD
Observed band size: 60 kD