

Rabbit Anti-DDX60 antibody

SL14253R

Product Name DDX60

Chinese Name ATP 依赖 RNA 解旋酶 DDX60 抗体

Alias DDX60; DDX60_HUMAN; DEAD (Asp-Glu-Ala-Asp) box polypeptide 60; DEAD box protein 60; Probable ATP-dependent RNA helicase DDX60.

Research Area Cell biology Neurobiology The new supersedes the old

Immunogen Species Rabbit

Clonality Polyclonal

React Species Mouse(predicted:Human,Rat)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 198kDa

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human DDX60: 81-180/1712

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product DDX60 is a 1,712 amino acid protein belonging to the helicase family. DDX60 contains

Detail

one helicase ATP-binding domain and one helicase C-terminal domain. The gene encoding DDX60 maps to human chromosome 4, which represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntington gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease. Chromosome 4 reportedly contains the largest gene deserts (regions of the genome with no protein encoding genes) and has one of the two lowest recombination frequencies of the human chromosomes.

Similarity:

Belongs to the helicase family.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

SWISS:

Q8IY21

Gene ID:

55601

Database links:

[Entrez Gene: 55601](#) Human

[Entrez Gene: 234311](#) Mouse

[Entrez Gene: 100360801](#) Rat

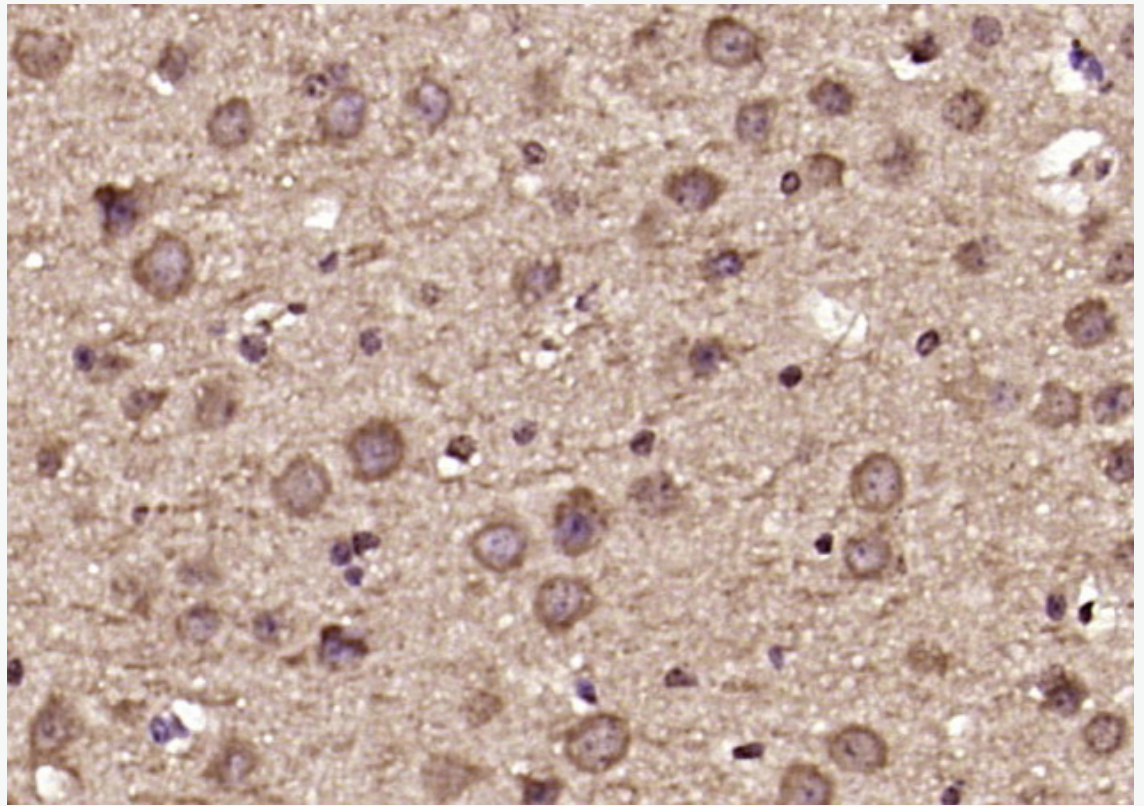
[Omim: 613974](#) Human

[SwissProt: Q8IY21](#) Human

[Unigene: 591710](#) Human

[Unigene: 275233](#) Mouse

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DDX60) Polyclonal Antibody, Unconjugated (SL14253R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.