

Anti-DDX6 Antibody (4N492)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4N492
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-00339 diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA,IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human DDX6
Antigen Species:	Human
Gene ID:	1656
Uniprot ID:	P26196
Synonyms:	EC 3.6.4.13;DEAD box protein 6;RCK;Probable ATP-dependent RNA helicase DDX6;HLR2;Oncogene RCK;ATP-dependent RNA helicase p54
Biology Area:	Epigenetics and Nuclear Signaling

Research Background

Essential for the formation of P-bodies, cytosolic membrane-less ribonucleoprotein granules involved in RNA metabolism through the coordinated storage of mRNAs encoding regulatory functions. Plays a role in P-bodies to coordinate the storage of translationally inactive mRNAs in the cytoplasm and prevent their degradation. In the process of mRNA degradation, plays a role in mRNA decapping. Blocks autophagy in nutrient-rich conditions by repressing the expression of ATG-related genes through degradation of their transcripts.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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