

Datasheet for ABIN654411
anti-DDX11 antibody (AA 656-683)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | DDX11 |
| Binding Specificity: | AA 656-683 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DDX11 antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

| | |
|---------------|---|
| Immunogen: | This DDX11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 656-683 amino acids from the Central region of human DDX11. |
| Clone: | RB27628 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | DDX11 |
| Alternative Name: | DDX11 (DDX11 Products) |
| Background: | DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative |

Target Details

RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX11 encodes a DEAD box protein, which is an enzyme that possesses both ATPase and DNA helicase activities. DDX11 is a homolog of the yeast CHL1 gene, and may function to maintain chromosome transmission fidelity and genome stability.

Molecular Weight: 108313

Gene ID: 1663

NCBI Accession: [NP_001244073](#), [NP_001244074](#), [NP_004390](#), [NP_689651](#)

UniProt: [Q96FC9](#)

Pathways: [ER-Nucleus Signaling](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

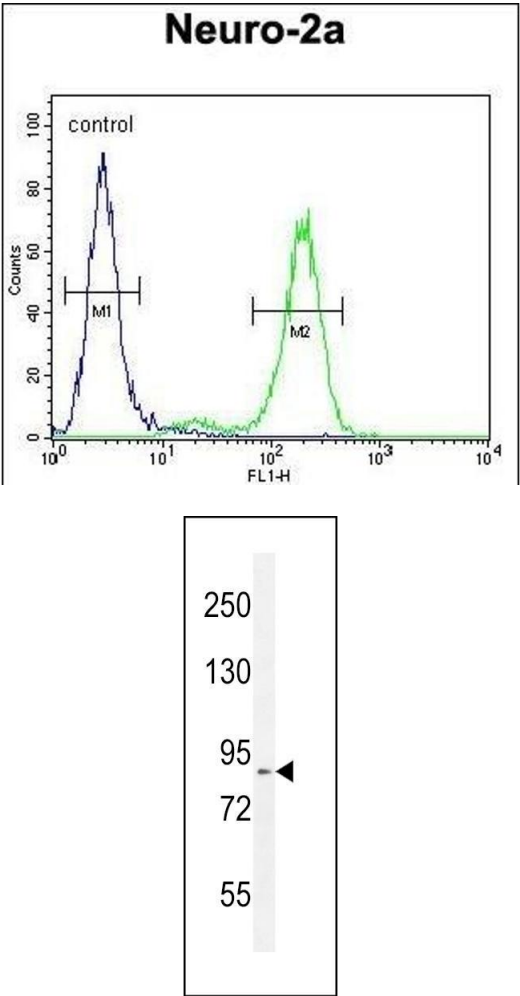
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. DDX11 Antibody (Center) (ABIN654411 and ABIN2844149) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. DDX11 Antibody (Center) (ABIN654411 and ABIN2844149) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane).This demonstrates the DDX11 antibody detected the DDX11 protein (arrow).