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Datasheet for ABIN2785781
anti-GLE1 antibody (N-Term)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | GLE1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse, Horse, Pig, Rabbit, Cow, Saccharomyces cerevisiae, Dog, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GLE1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human GLE1 |
| Sequence: | LKLREAEQQR VKQAEQERLR KEEGQIRLRA LYALQEMLQ LSQQLDASEQ |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 86%, Rabbit: 77%, Rat: 100%, Yeast: 90%, Zebrafish: 77% |
| Characteristics: | This is a rabbit polyclonal antibody against GLE1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

| | |
|---------|------|
| Target: | GLE1 |
|---------|------|

Target Details

Alternative Name: [GLE1 \(GLE1 Products\)](#)

Background: GLE1 is a predicted 75- kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. This gene encodes a predicted 75- kDa polypeptide with high sequence and structure homology to yeast Gle1p, which is nuclear protein with a leucine-rich nuclear export sequence essential for poly(A)+RNA export. Inhibition of human GLE1L by microinjection of antibodies against GLE1L in HeLa cells resulted in inhibition of poly(A)+RNA export. Immunofluorescence studies show that GLE1L is localized at the nuclear pore complexes. This localization suggests that GLE1L may act at a terminal step in the export of mature RNA messages to the cytoplasm. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: GLE1L, hGLE1, LCCS, LCCS1

Protein Interaction Partner: RNF2, UBC, ELAVL1, NUPL2, NUP155, EIF3F, UXT, KRT10,

Protein Size: 659

Molecular Weight: 75 kDa

Gene ID: 2733

NCBI Accession: [NM_001499](#), [NP_001490](#)

UniProt: [Q53GS7](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 659 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

sucrose.

Preservative: Sodium azide

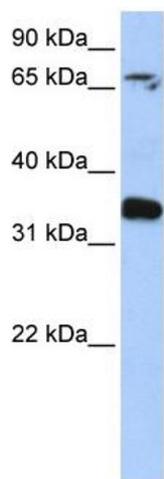
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GLE1 Antibody Titration: 0.2-1 ug/ml

Positive Control: Human Placenta