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Datasheet for ABIN499892  
**anti-GLE1 antibody (C-Term)**

2 Images

Overview

Quantity:	0.1 mg
Target:	GLE1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Gle1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human Gle1.
Isotype:	IgG
Specificity:	This antibody reacts to GLE1.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	GLE1
Alternative Name:	GLE1 / GLE1L ( <a href="#">GLE1 Products</a> )

## Target Details

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**Background:** The proper expression of gene products in eukaryotic cells relies on efficient transport of mRNA molecules out of the nucleus. Gle1 is an essential mRNA export factor in both human and yeast cells. It associates with the nuclear pore complex (NPC) through hCG1 and NUP155 in mammalian cells and in conjunction with inositol hexakisphosphate (IP6), stimulates Dbp5, a member of the DEAD-box helicase family, triggering mRNP remodeling and facilitating RNA export from the nucleus. Recent evidence suggests that mutations in Gle1 causing defects in mRNA export can result in human disease. At least three isoforms of Gle1 are known to exist. Synonyms: GLE1-like protein, Nucleoporin GLE1

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**Gene ID:** 2733

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**NCBI Accession:** [NP\\_001003722](#)

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**UniProt:** [Q53GS7](#)

## Application Details

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**Application Notes:** ELISA. Western Blot: 1 - 2 µg/mL. Immunohistochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

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**Restrictions:** For Research Use only

## Handling

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**Buffer:** PBS containing 0.02 % sodium azide.

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**Preservative:** Sodium azide

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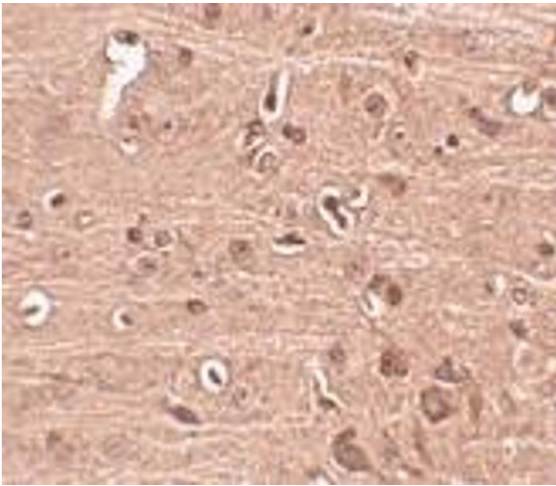
**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C

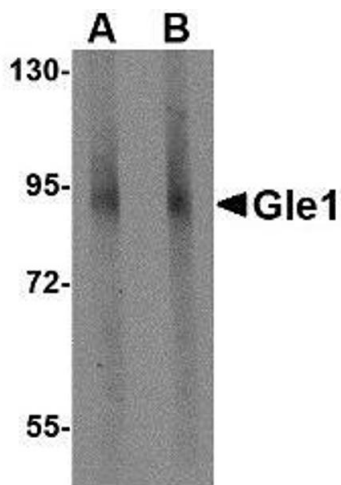
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**Storage Comment:** Store the antibody undiluted at 2-8 °C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of Gle1 in mouse brain tissue with Gle1 antibody at 2.5  $\mu\text{g/ml}$ .



#### Western Blotting

**Image 2.** Western blot analysis of Gle1 in mouse brain tissue lysate with AP30366PU-N Gle1 antibody at (A) 1 and (B) 2  $\mu\text{g/ml}$ .