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# anti-GLE1 antibody (AA 611-698)



Image



### Overview

Quantity:	100 μL
Target:	GLE1
Binding Specificity:	AA 611-698
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLE1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human GLE1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.
Target Details	

Target: GLE1

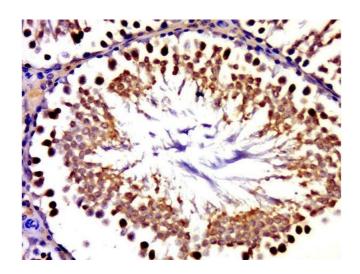
# **Target Details**

Alternative Name:	GLE1 (GLE1 Products)
Background:	Synonyms: GLE 1, GLE1, GLE1 like protein, GLE1 like RNA export mediator, GLE1 RNA export
	mediator homolog, GLE1 RNA export mediator like yeast, GLE1-like protein, GLE1_HUMAN,
	GLE1L, hGLE1, LCCS 1, LCCS, LCCS1, Nucleoporin GLE1.
	Background: Protein transport across the nucleus is a selective, multi-step process involving
	several cytoplasmic factors that mediate protein passage through the nuclear pore complex
	(NPC). Gle1, also known as GLE1L, is a 698 amino acid protein that localizes to both the
	nucleus and the cytoplasm and belongs to the Gle1 family. Expressed as two alternatively
	spliced isoforms, Gle1 associates with the NPC and is required for the transport of poly(A)-
	containing mRNAs from the nucleus to the cytoplasm. Defects in the gene encoding Gle1 are
	the cause of lethal congenital contracture syndrome type 1 (LCCS1) and lethal arthrogryposis
	with anterior horn cell disease (LAAHD), the former of which is characterized by early fetal
	hydrops and akinesia, micrognatia, pulmonary hypoplasia, pterygia and prenatal death, while
	the latter is associated with respiratory failure.
Gene ID:	2733
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## **Images**



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat testis, 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 GLE1 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.