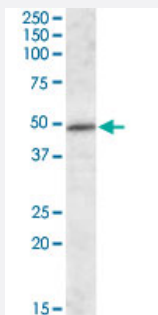


# IFT57 polyclonal antibody

Catalog # PAB13672      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

IFT57 polyclonal antibody (Cat # PAB13672) (1 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of IFT57.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human IFT57.
<b>Sequence</b>	C-EQPQEYDDPNATISN
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	49.1
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	Approximately 49 KDa band observed in human and mouse brain lysates (calculated MW of 49.1 KDa according to human NP_060480.1 and of 48.8 KDa according to mouse NP_082956.2).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL

<b>Recommend Usage</b>	ELISA (1:8000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

IFT57 polyclonal antibody (Cat # PAB13672) (1 ug/mL) staining of mouse brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — IFT57

<b>Entrez GeneID</b>	<a href="#">55081</a>
<b>Protein Accession#</b>	<a href="#">NP_060480.1</a>
<b>Gene Name</b>	IFT57
<b>Gene Alias</b>	ESRRBL1, FLJ10147, HIPPI, MHS4R2
<b>Gene Description</b>	intraflagellar transport 57 homolog (Chlamydomonas)
<b>Omim ID</b>	<a href="#">606621</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Other Designations</b>	HIP1 protein interactor estrogen-related receptor beta like 1 huntingtin interacting protein-1 interacting protein

## Publication Reference

- [Crystal structure at 2.8 Å of Huntingtin-interacting protein 1 \(HIP1\) coiled-coil domain reveals a charged surface suitable for HIP1 protein interactor \(HIPPI\).](#)

Niu Q, Ybe JA.

Journal of Molecular Biology 2007 Nov; 375(5):1197.