

## IBA57 Antibody

PACO60092

### Description

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This IBA57 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	PACO60092
<b>Contents:</b>	50µg Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	-
<b>Synonyms:</b>	C1orf69 antibody, CAF17_HUMAN antibody, Chromosome 1 open reading frame 69 antibody, FLJ12734 antibody, FLJ13849 antibody, IBA57 antibody, IBA57 homolog iron sulfur cluster assembly antibody, IBA57 iron sulfur cluster assembly homolog antibody, IBA57 iron sulfur cluster assembly homolog (S. cerevisiae) antibody, IBA57, S. cerevisiae, homolog of antibody, Iron sulfur cluster assembly factor for biotin synthase and aconitase like antibody, iron-sulfur cluster assembly factor for biotin synthase- and aconitase-like mitochondrial proteins, with a mass of 57kDa antibody, Iron-sulfur cluster assem... <a href="#">Read more</a>
<b>Clone:</b>	Polyclonal
<b>Applications:</b>	<a href="#">ELISA</a> <a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF</a>
<b>Conjugation:</b>	Non-conjugated
<b>Reactivity:</b>	Human, Mouse

### Antibody Data

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<b>Isotype:</b>	IgG
<b>Uniprot:</b>	Q5T440
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	>95%, Protein G purified
<b>Immunogen:</b>	Recombinant Human Putative transferase CAF17, mitochondrial protein (286-356AA)
<b>Immunogen Species:</b>	Homo sapiens (Human)

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

**Buffer:** Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

**Form:** Liquid

## Preparation & Storage

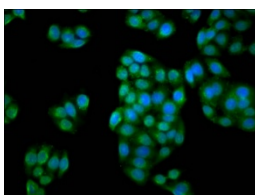
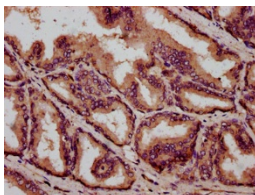
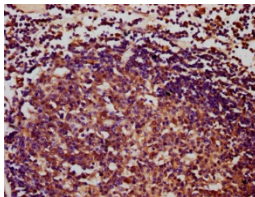
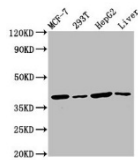
**Storage:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Store Bradford Reagent at Room Temperature for 1 Year.

Recommended Dilutions:	Application	Recommended Dilution
	WB	1:500-1:5000
	IHC	1:200-1:500
	IF	1:50-1:200

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

### Image



### Description

Western Blot Positive WB detected in: MCF-7 whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, Mouse liver tissue All lanes: IBA57 antibody at 4.5µg/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 39 kDa Observed band size: 39 kDa

IHC image of PACO60092 diluted at 1:400 and staining in paraffin-embedded human lymph node tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

IHC image of PACO60092 diluted at 1:400 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence staining of PC-3 cells with PACO60092 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa

Fluor 488-conjugated AffiniPure Goat Anti-Rabbit  
IgG(H+L).