

Datasheet for ABIN7166787  
**anti-IBA57 antibody (AA 286-356)**



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4 Images

## Overview

Quantity:	100 µg
Target:	IBA57
Binding Specificity:	AA 286-356
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IBA57 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Putative transferase CAF17, mitochondrial protein (286-356AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	IBA57
Alternative Name:	IBA57 ( <a href="#">IBA57 Products</a> )
Background:	Background: Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway.

## Target Details

Aliases: 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 57 kDa antibody, Iron-sulfur cluster assembly factor homolog antibody, Mitochondrial proteins with a mass of 57 kDa antibody, MMDS3 antibody, Putative transferase C1orf69 mitochondrial antibody, Putative transferase CAF17, mitochondrial antibody, SPG74 antibody

UniProt: [Q5T440](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

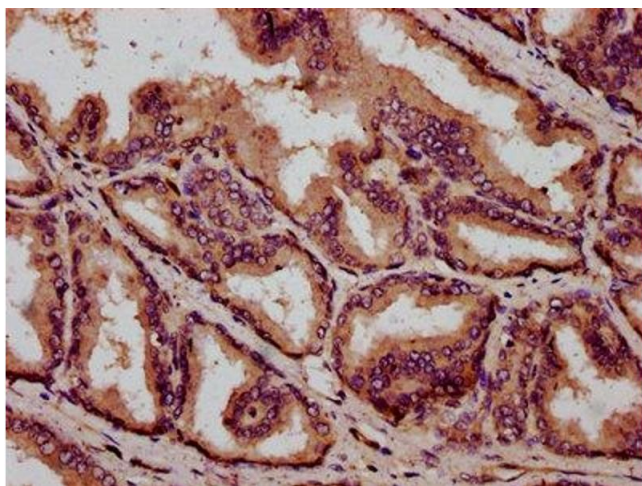
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

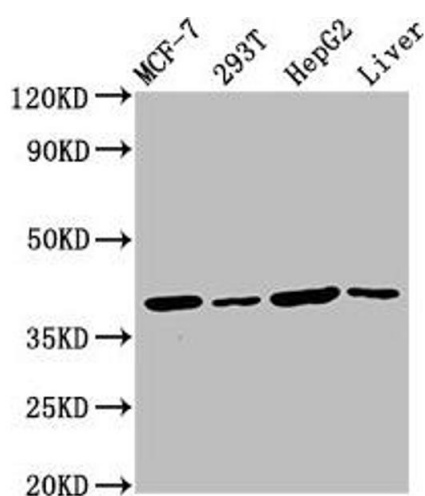
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



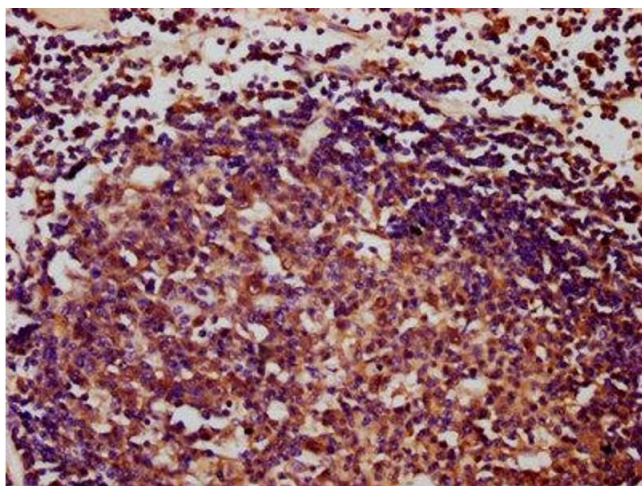
#### Immunohistochemistry

**Image 1.** IHC image of ABIN7166787 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.



#### Western Blotting

**Image 2.** 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 4.5 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 39 kDa. Observed band size: 39 kDa.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7166787 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7166787.