

A4731

Leader in Biomolecular Solutions for Life Science



## HOOK1 Rabbit pAb

Catalog No.: A4731

### Basic Information

**Observed MW**

85-100kDa

**Calculated MW**

85kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

### Background

This gene encodes a member of the hook family of coiled-coil proteins, which bind to microtubules and organelles through their N- and C-terminal domains, respectively. The encoded protein localizes to discrete punctuate subcellular structures, and interacts with several members of the Rab GTPase family involved in endocytosis. It is thought to link endocytic membrane trafficking to the microtubule cytoskeleton. Several alternatively spliced transcript variants have been identified, but the full-length nature of some of these variants has not been determined.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

51361

**Swiss Prot**

Q9UJC3

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 489-728 of human HOOK1 (NP\_056972.1).

**Synonyms**

HK1; HOOK1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

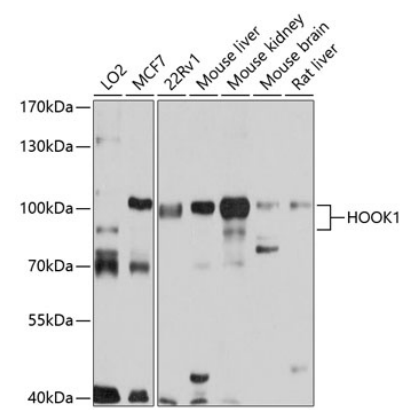
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using HOOK1 antibody (A4731) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.