

Datasheet for ABIN5689991  
**anti-HOOK3 antibody (AA 210-260)**



[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	HOOK3
Binding Specificity:	AA 210-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOOK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	HOOK3 antibody was raised against a 19 amino acid peptide from near the amino terminus of human HOOK3.  The immunogen is located within amino acids 210 - 260 of HOOK3.
Isotype:	IgG
Specificity:	HOOK3 antibody is human, mouse and rat reactive. HOOK3 antibody is predicted to not cross-react with HOOK1 and HOOK2.
Purification:	HOOK3 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	HOOK3
Alternative Name:	HOOK3 ( <a href="#">HOOK3 Products</a> )
Background:	The HOOK proteins (HOOK1, HOOK2 and HOOK3) comprise a family of cytosolic coiled-coil proteins that contain conserved N-terminal domains, which attach to microtubules mediating the spatial organization of diverse membrane-trafficking systems, their more divergent C-terminal domains mediate binding to organelles (1,2). HOOK3 exists as a homodimer and participates in defining the architecture and localization of the Golgi complex through its central coiled-coil domain (3). HOOK3 may regulate clearance of endocytosed receptors such as MSR1 (3,4).
Molecular Weight:	Predicted: 79 kDa  Observed: 77 kDa
Gene ID:	84376
NCBI Accession:	<a href="#">NP_115786</a>
UniProt:	<a href="#">Q86VS8</a>
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	HOOK3 antibody can be used for the detection of HOOK3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry at 10 µg/mL.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	HOOK3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C

## Handling

---

Storage Comment: HOOK3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.