



## Anti-EPN1 (aa 431-480) polyclonal antibody (CABT-BL1383)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide within residues AATPTPTPPT RKTPESEFLGP NAALVDLDSL VSRPGTPPPG AKASNPFLPG, corresponding to C terminal amino acids 431-480 of Human Epsin 1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Reconstitution</b>	Add 50 µl of distilled water.
<b>Cellular Localization</b>	Cell Membrane, Cytoplasmic and Nuclear
<b>Format</b>	Lyophilised
<b>Buffer</b>	2% Sucrose, PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

### BACKGROUND

## Introduction

Epsin 1 is a cytosolic adaptor protein and interacting partner for the EH domain containing region of Eps15. It is involved in the regulation of clathrin mediated endocytosis via its direct interactions with clathrin, the clathrin adaptor AP-2, and Eps15. Epsin 1 is a cargo specific adaptor for influenza virus entry through the clathrin mediated pathway. In addition to being a clathrin interacting protein, Epsin 1 is also an ubiquitin, and phospholipid interacting protein. It also may function in a signaling pathway connecting the endocytic machinery to the regulation of nuclear function.

---

## GENE INFORMATION

Entrez Gene ID	<a href="#">29924</a>
----------------	-----------------------

Protein Refseq	<a href="#">NP_001123543</a>
----------------	------------------------------

UniProt ID	<a href="#">Q9Y6I3</a>
------------	------------------------

---