



# APPL1 rabbit pAb

Cat No.:ES1684

For research use only

## Overview

<b>Product Name</b>	APPL1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human APPL1. AA range:121-170
<b>Specificity</b>	APPL1 Polyclonal Antibody detects endogenous levels of APPL1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	DCC-interacting protein 13-alpha
<b>Gene Name</b>	APPL1
<b>Cellular localization</b>	Early endosome membrane ; Peripheral membrane protein . Nucleus . Cytoplasm . Endosome . Cell projection, ruffle . Cytoplasmic vesicle, phagosome . Early endosomal membrane-bound and nuclear. Translocated into the nucleus upon release from endosomal membr
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	26060
<b>Human Swiss-Prot Number</b>	Q9UKG1
<b>Alternative Names</b>	APPL1; APPL; DIP13A; KIAA1428; DCC-interacting protein 13-alpha; Dip13-alpha; Adapter protein containing PH domain; PTB domain and leucine





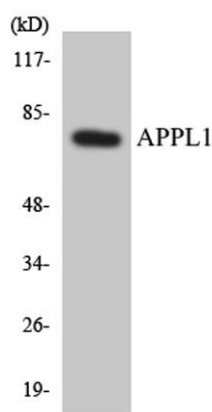
## Background

### zipper motif 1

adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1(APPL1) Homo sapiens The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using APPL1 Polyclonal Antibody



Western blot analysis of the lysates from K562 cells using APPL1 antibody.

