



Anti-CCDC88A polyclonal antibody (CABT-BL877)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide derived from an internal sequence of Human Girdin.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Cellular Localization	Membrane. Cell membrane. Cytoplasm; cytosol. Cytoplasmic vesicle. Cell projection; lamellipodium. Localizes to the cell membrane through interaction with phosphoinositides.
Format	Liquid
Buffer	49.1% PBS, 0.88% Sodium chloride, 50% Glycerol pH: 7.40 Note: PBS is without Mg2+ and Ca2+.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

BACKGROUND

Introduction	This gene encodes a member of the Girdin family of coiled-coil domain containing proteins. The encoded protein is an actin-binding protein that is activated by the serine/threonine kinase Akt
---------------------	---

and plays a role in cytoskeleton remodeling and cell migration. The encoded protein also enhances Akt signaling by mediating phosphoinositide 3-kinase (PI3K)-dependent activation of Akt by growth factor receptor tyrosine kinases and G protein-coupled receptors. Increased expression of this gene and phosphorylation of the encoded protein may play a role in cancer metastasis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

GENE INFORMATION

Entrez Gene ID	55704
----------------	-----------------------

Protein Refseq	NP_060554
----------------	---------------------------

UniProt ID	O14997
------------	------------------------
