



Anti-PYHIN1 (aa 38-87) polyclonal antibody (CABT-BL5476)

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

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal antibody to Human PYHIN1.
Antigen Description	The protein encoded by this gene belongs to the HIN-200 family of interferon-inducible proteins that share a 200-amino acid signature motif at their C-termini. HIN200 proteins are primarily nuclear and are involved in transcriptional regulation of genes important for cell cycle control, differentiation, and apoptosis. Downregulation of this gene is associated with breast cancer. This protein acts as a tumor suppressor by promoting ubiquitination and subsequent degradation of MDM2, which leads to stabilization of p53/TP53. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Immunogen	Synthetic peptide corresponding to a region within the N terminal amino acids 38-87 (KMKEEYDKIQ IADLMEEKFP GDAGLGKLIIE FFKEIPTLGD LAETLKREKL) of Human PYHIN1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Sequence Similarities	Belongs to the HIN-200 family. Contains 1 DAPIN domain. Contains 1 HIN-200 domain.
Cellular Localization	Nucleus; nucleoplasm and Nucleus. Nucleus speckle.
Format	Liquid
Size	50 µg

Buffer	2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction The protein encoded by this gene belongs to the HIN-200 family of interferon-inducible proteins that share a 200-amino acid signature motif at their C-termini. HIN200 proteins are primarily nuclear and are involved in transcriptional regulation of genes important for cell cycle control, differentiation, and apoptosis. Downregulation of this gene is associated with breast cancer. This protein acts as a tumor suppressor by promoting ubiquitination and subsequent degradation of MDM2, which leads to stabilization of p53/TP53. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

GENE INFORMATION

Entrez Gene ID	149628
Protein Refseq	NP_689714
UniProt ID	Q6K0P9
Chromosome Location	1q23.1