



Rabbit Anti-Human PIK3R1 monoclonal antibody, clone TQ73 (CABT-L1528)

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

PRODUCT INFORMATION

Target	PIK3R1
Immunogen	Synthetic peptide from the N-terminus of human PI3K p85
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ73
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	FC, IHC-P
Positive Control	A suggested positive control is placenta tissue.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110kDa catalytic subunit and a regulatory subunit of either 85, 55, or 50kDa. PI3K p85 is a 85kDa regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance.

GENE INFORMATION

Entrez Gene ID	5295
----------------	----------------------

UniProt ID	P27986
------------	------------------------
