Anti-PIK3R4 antibody

Cat. No.	ml161374
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-PIK3R4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human PIK3R4
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PIK3R4
Full name	phosphoinositide-3-kinase, regulatory subunit 4
Synonyms	p150; VPS15
Swissprot	Q99570

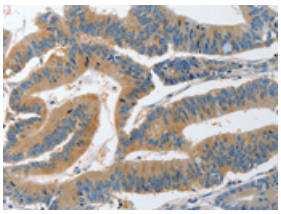
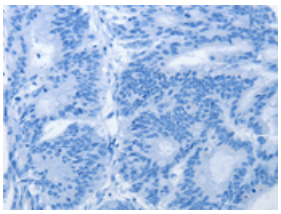
Target Background

Phosphoinositide 3-kinase regulatory subunit 4, also known as PI3-kinase regulatory subunit 4 or PI3-kinase p150 subunit or phosphoinositide 3-kinase adaptor protein, or VPS15 is an enzyme that in humans is encoded by the PIK3R4 gene. The PI3-kinases regulate cellular signaling networks that are involved in processes linked to the survival, growth, proliferation, metabolism and specialized differentiated functions of cells. The subversion of this network is common in cancer and has also been linked to disorders of inflammation.

Applications

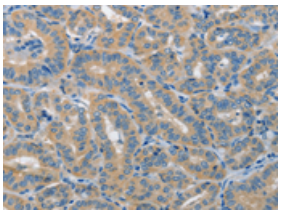
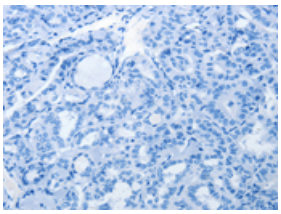
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human colon cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml161374(PIK3R4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml161374(PIK3R4 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000