

Datasheet for ABIN754723

anti-PIK3R2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PIK3R2 (PI3K p85b)
Reactivity:	Human, Rat, Mouse, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse PI 3 Kinase p85 beta
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PIK3R2 (PI3K p85b)
Alternative Name:	PI 3 Kinase p85 beta (PI3K p85b Products)
Background:	Synonyms: Phosphatidylinositol 3-kinase regulatory subunit beta, PI3-kinase regulatory subunit beta, PI3K regulatory subunit beta, PtdIns-3-kinase regulatory subunit beta, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta, PI3-kinase subunit p85-beta, PtdIns-3-kinase regulatory subunit p85-beta, Pik3r2

Target Details

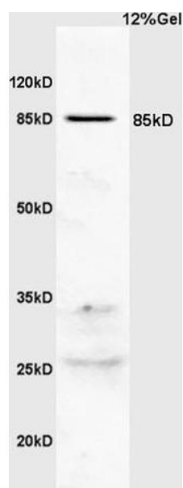
	Background: Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.
Molecular Weight:	82kDa
Gene ID:	18709
Pathways:	VEGF Signaling , BCR Signaling

Application Details

Application Notes:	WB(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

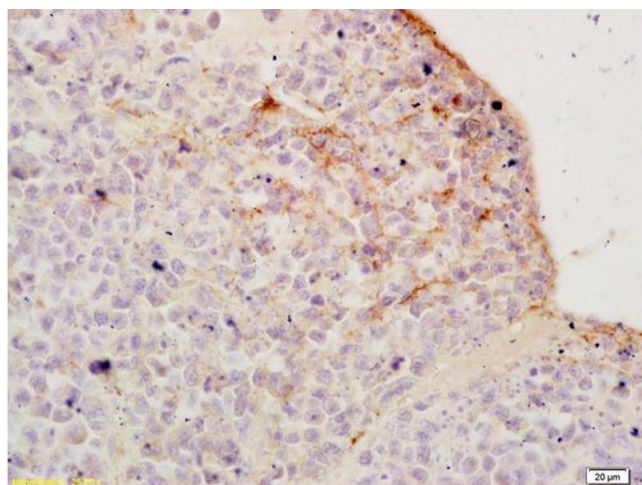
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human colon carcinoma lysates probed with Anti PI 3 Kinase p85 beta Polyclonal Antibody, Unconjugated (ABIN754723) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 82kD. Observed band size:82kD.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse colon carcinoma labeled with Rabbit Anti PI 3 Kinase p85 beta Polyclonal Antibody, Unconjugated (ABIN754723) at 1:200 followed by conjugation to the secondary antibody and DAB staining