

Datasheet for ABIN5651065
anti-PIK3CA antibody (AA 150-250) (Atto 488)



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1 Image

Overview

Quantity:	100 µg
Target:	PIK3CA
Binding Specificity:	AA 150-250
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3CA antibody is conjugated to Atto 488
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide of Human PIK3CA (150-250 aa), conjugated to Keyhole Limpet Haemocyanin (KLH).
Specificity:	Detects 55.7 kDa.
Purification:	Peptide Affinity Purified

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA (PIK3CA Products)
Gene ID:	5290
NCBI Accession:	NP_006209

Target Details

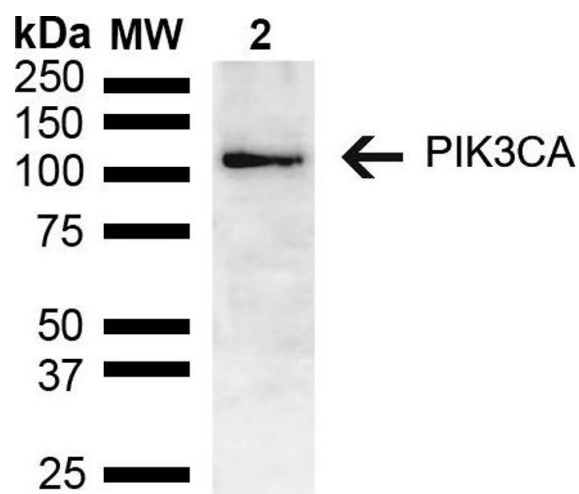
UniProt:	P42336
Pathways:	PI3K-Akt Signaling , RTK Signaling , TCR Signaling , AMPK Signaling , Interferon-gamma Pathway , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Hepatitis C , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals , VEGF Signaling

Application Details

Application Notes:	• WB (1:1000) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5651065 was sufficient for detection of PIK3CA in 15 µg of mouse brain cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 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



Western Blotting

Image 1. Western blot analysis of Mouse brain lysate showing detection of ~55.7 kDa PIK3CA protein using Rabbit Anti-PIK3CA Polyclonal Antibody (ABIN5651065). Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse brain lysate. Load: 15 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-PIK3CA Polyclonal Antibody (ABIN5651065) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit HRP:IgG at 1:3000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~55.7 kDa.