

Datasheet for ABIN6950889
anti-PIK3CA antibody



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Overview

Quantity:	100 µL
Target:	PIK3CA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PIK3CA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide
Isotype:	IgG
Purification:	Purified by immunogene

Target Details

Target:	PIK3CA
Alternative Name:	PIK3CA-H1047R (PIK3CA Products)
Background:	Synonyms: phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform, phosphoinositide-3-kinase catalytic alpha polypeptide, PI3-kinase p110 alpha, PI3K, PI3K p110-alpha, PK3CA, PtdIns-3-kinase p110 UniProt Gene Name: PIK3CA
UniProt:	P42336

Target Details

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
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Application Details

Application Notes:	Dilution: 1:200-400 IHC Recommended control: Gastric adenocarcinoma
Comment:	Antigen Retrieval: Heat-induced epitope retrieval (HIER) Retrieval buffer: Citrate buffer of pH6.0
Restrictions:	For Research Use only

Handling

Buffer:	0.5 % Bovine Serum Albumin (BSA), 0.1 %Kathon CG/ICP, 10x Tris-Buffered Saline (TBS), Type 3 MilliQ H2O and 50 % glycerol.
Storage:	-20 °C
Storage Comment:	-20°C/1 year
Expiry Date:	12 months