

Anti-PIK3R2 Antibody (6U162)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human, Mouse, Rat
Molecular Weight:	Theoretical: 82 kDa.
Clone:	6U162
Purification:	Protein G purified

Applications

Verified Activity:	1. Tissue: Mouse colon
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Counter stain: Hematoxylin
	Comment: Color brown is the positive signal for TMAB-11451
	2. Tissue: Human colon
	Section type: Formalin fixed & Paraffin-embedded section
	Retrieval method: High temperature and high pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100
	Primary Ab incubation condition: 1 hour at room temperature
	Counter stain: Hematoxylin
	Comment: Color brown is the positive signal for TMAB-11451
	3. Blocking buffer: 5% NFDM/TBST
Primary Ab dilution: 1:1000	
Primary Ab incubation condition: 4°C overnight	
Lysate: 1: LnCap, 2: K562, 3: NIH/3T3, 4: BRL	
Protein loading quantity: 20 µg	
Exposure time: 60 s	
Predicted MW: 85 kDa	
Observed MW: 85 kDa	
Application:	WB, IHC-P, IHC-Fr, IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID: 5296

Research Background

Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481