

PIK3CG Rabbit Polyclonal Antibody



CAB6688

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

126kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I catalytic subunit of PI3K. Like other class I catalytic subunits (p110-alpha p110-beta, and p110-delta), the encoded protein binds a p85 regulatory subunit to form PI3K. This gene is located in a commonly deleted segment of chromosome 7 previously identified in myeloid leukemias. Several transcript variants encoding the same protein have been found for this gene.

Immunogen information

Gene ID:

5294

Uniprot

P48736

Synonyms:

PIK3CG; PI3CG; PI3K; PI3Kgamma; PIK3; p110gamma; p120-PI3K

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

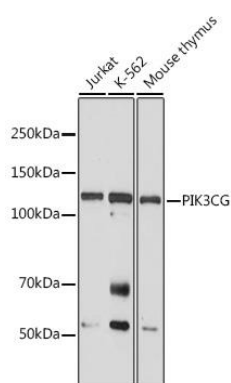
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human PIK3CG (NP_002640.2).

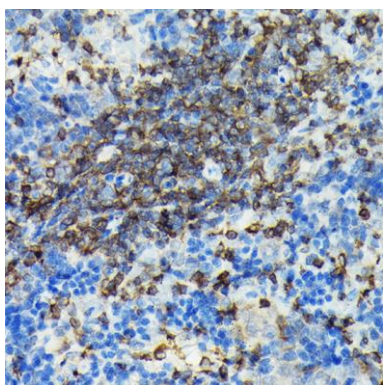
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

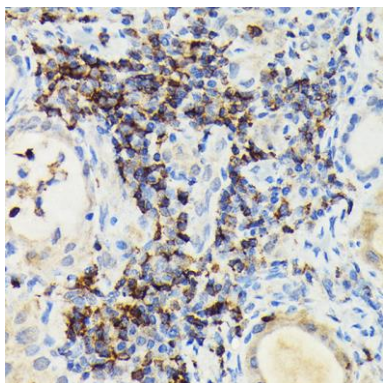
Product Images



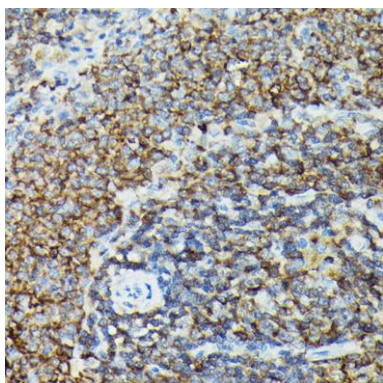
Western blot analysis of extracts of various cell lines, using PIK3CG antibody (CAB6688) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat spleen using PIK3CG Rabbit pAb (CAB6688) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human thyroid cancer using PIK3CG Rabbit pAb (CAB6688) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using PIK3CG Rabbit pAb (CAB6688) at dilution of 1:100 (40x lens).