Anti-PI3 Kinase p85 beta Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P103857

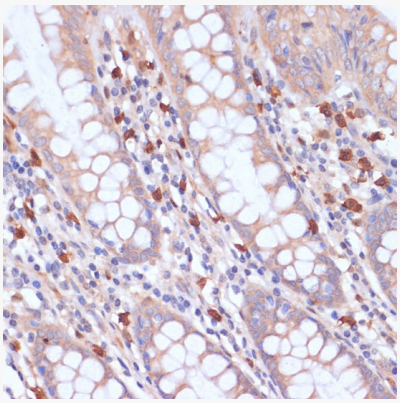
Product Information

Application	WB, IHC-P, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1000; IHC-P 1:50~1:200; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-85 of human PI3 Kinase p85 beta (NP_005018.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PI3 Kinase p85 beta Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

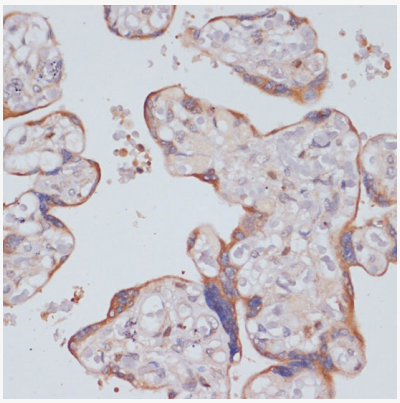
Protein Information

Synonyms	p85; MPPH; P85B; MPPH1; p85beta; p85-BETA; PI3 Kinase p85 beta.
Calculated MW	Calculated MW: 82 kDa; Observed MW: 85 kDa
Uniprot ID	O00459
Gene ID	5296
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. Three transcript variants, one protein coding and the other two non-protein coding, have been found for this gene.

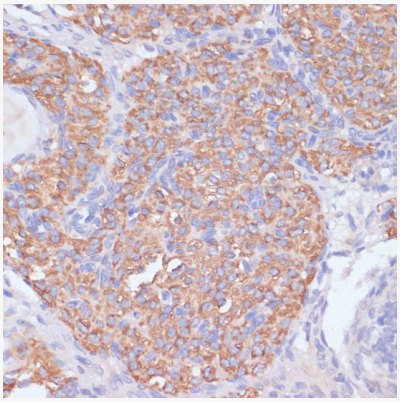
Validation Images



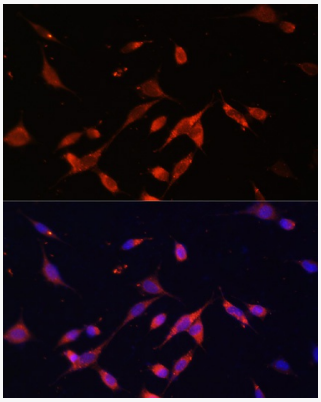
Immunohistochemistry analysis of paraffin-embedded Human colon using PI3 Kinase p85 beta Rabbit pAb (P103857) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



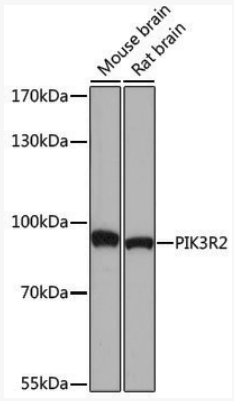
Immunohistochemistry analysis of paraffin-embedded Human placenta using PI3 Kinase p85 beta Rabbit pAb (P103857) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat ovary using PI3 Kinase p85 beta Rabbit pAb (P103857) at dilution of 1:200 (40× lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 using PI3 Kinase p85 beta Rabbit pAb (P103857) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using PI3 Kinase p85 beta Rabbit pAb (P103857) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 90s.