

Anti-PIK3R1 antibody (240-454) (STJ113826)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

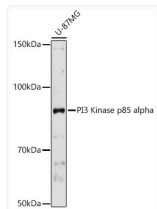
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 84kDa Observed Mw: 85kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

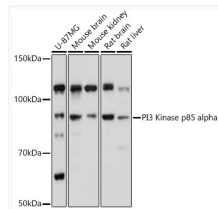
Gene ID	5295
Gene Symbol	PIK3R1
UniProt ID	P85A_HUMAN
Immunogen Region	240-454
Immunogen Sequence	EKFKREGNEKEIQIRIMHNYD KLKSRISEIIDSRRRLEEDL KKQAAEYREIDKRMNSIKPD LIQLRKTQDQYLMWLTQKGV RQKKLNEWLGNENTEDQYSL VEDDEDLPHHDEKTNVNVGSS NRNKAENLLRGRDGTFLVR E
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 240-380 of human PI3 Kinase p85 alpha (NP_852556.2).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of U-87MG cells, using PI3 Kinase p85 alpha antibody (STJ113826) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using PI3 Kinase p85 alpha antibody (STJ113826) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.