

## Product datasheet for **TA379944**

### PI 3 Kinase p55 gamma (PIK3R3) Rabbit Polyclonal Antibody

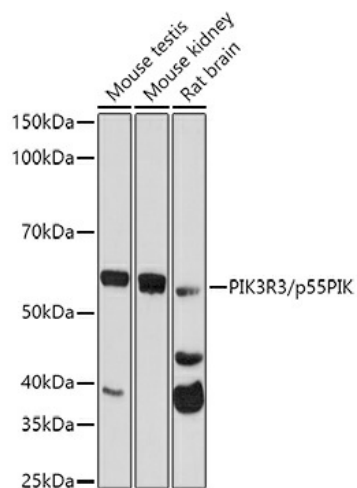
#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human PIK3R3/p55PIK.
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	43kDa/47kDa/54kDa
Gene Name:	phosphoinositide-3-kinase regulatory subunit 3
Database Link:	<a href="#">Entrez Gene 8503 Human Q92569</a>
Background:	Phosphatidylinositol 3-kinase (PI3K) phosphorylates phosphatidylinositol and similar compounds, which then serve as second messengers in growth signaling pathways. PI3K is composed of a catalytic and a regulatory subunit. The protein encoded by this gene represents a regulatory subunit of PI3K. The encoded protein contains two SH2 domains through which it binds activated protein tyrosine kinases to regulate their activity.
Synonyms:	DKFZp686P05226; FLJ41892; OTTHUMP0000009783; p55; p55-GAMMA; p55PIK

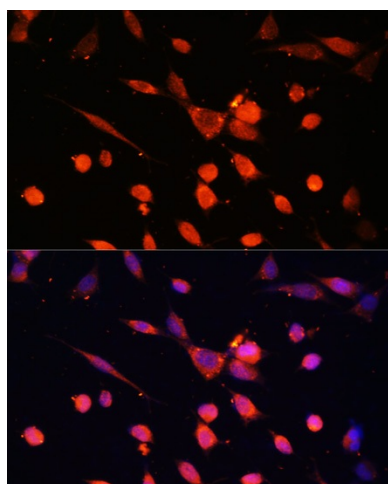


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## Product images:



Western blot analysis of extracts of various cell lines, using PIK3R3/p55PIK antibody (TA379944) at 1:500 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using PIK3R3/p55PIK antibody (TA379944) at dilution of 1:100. Blue: DAPI for nuclear staining.