

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody
Catalog # ABO14285

Specification

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC
Primary Accession	O92569
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 8503

Other Names

Phosphatidylinositol 3-kinase regulatory subunit gamma, PI3-kinase regulatory subunit gamma, PI3K regulatory subunit gamma, PtdIns-3-kinase regulatory subunit gamma, Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma, PI3-kinase subunit p55-gamma, PtdIns-3-kinase regulatory subunit p55-gamma, p55PIK, PIK3R3

Calculated MW

54448 MW KDa

Application Details

WB 1:500-1:1000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Tissue Specificity

Highest levels in brain and testis. Lower levels in adipose tissue, kidney, heart, lung and skeletal muscle.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human PI 3 Kinase p55 gamma

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Protein Information

Name PIK3R3

Function

Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.

Tissue Location

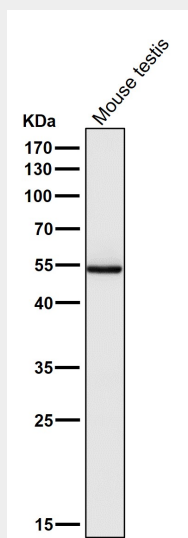
Highest levels in brain and testis. Lower levels in adipose tissue, kidney, heart, lung and skeletal muscle

Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Protocols

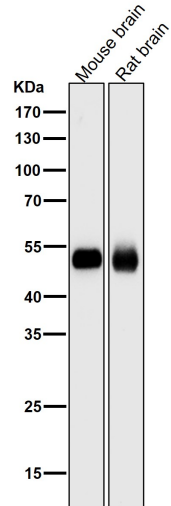
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

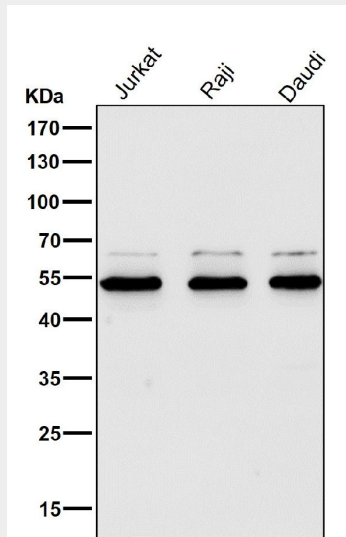
Anti-PI 3 Kinase p55 gamma PIK3R3 Rabbit Monoclonal Antibody - Images



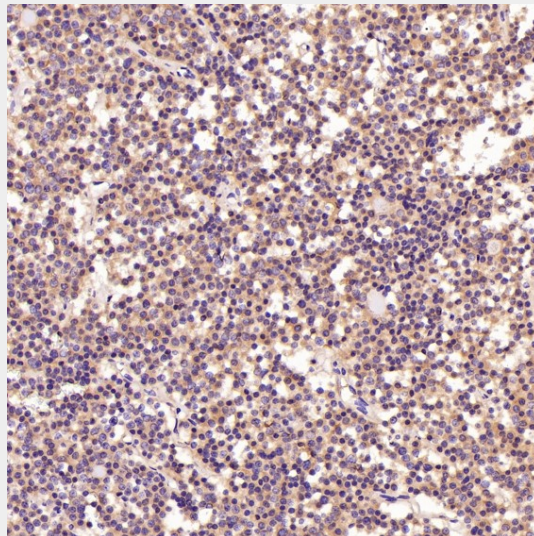
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

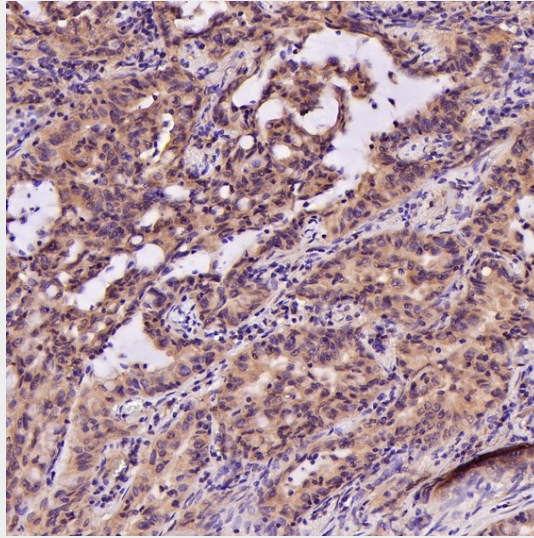


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

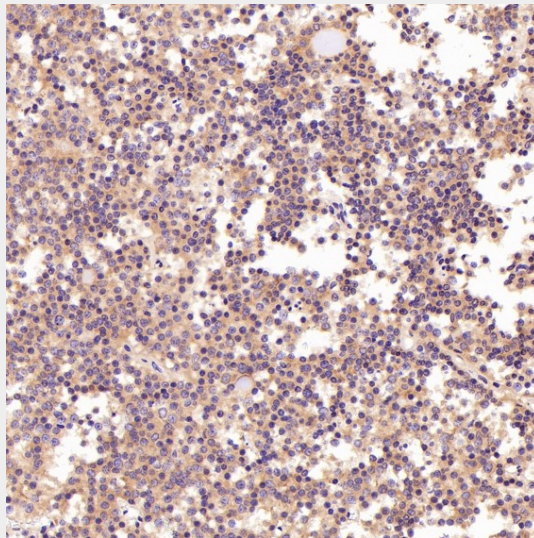


Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody

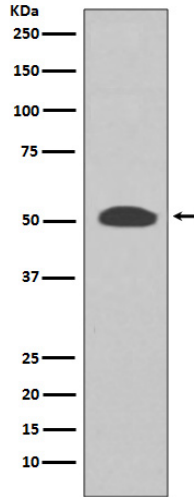
at 1:200 dilution.



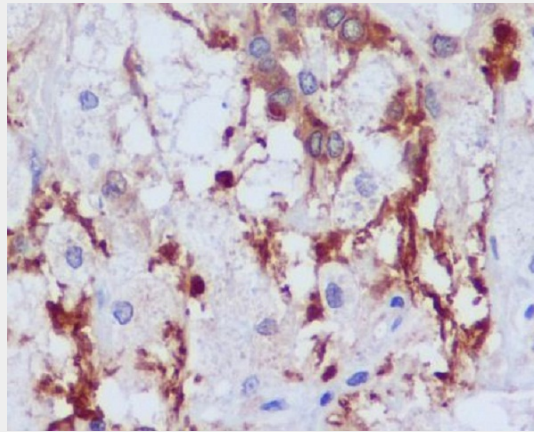
Immunohistochemical analysis of paraffin-embedded Human lung adenocarcinoma, using the Antibody at 1:200 dilution.



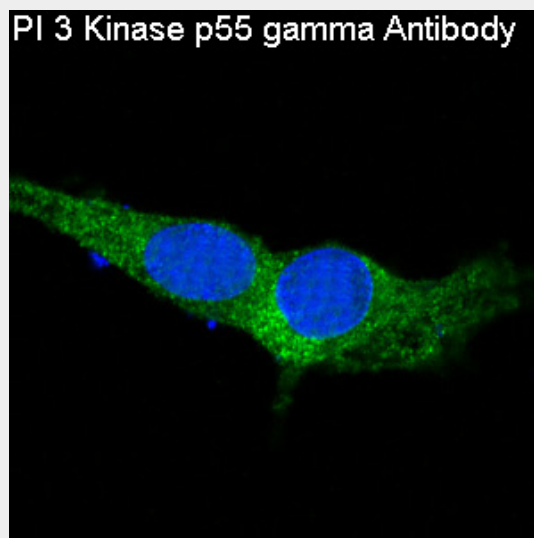
Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:800 dilution.



Western blot analysis of PI 3 Kinase p55 gamma expression in SH-SY5Y cell lysate.



Immunohistochemical analysis of paraffin-embedded human astrocytoma, using PI 3 Kinase p55 gamma Antibody.



Immunofluorescent analysis of C6 cells, using PI 3 Kinase p55 gamma Antibody.