

Product Name: PI3-Kinase p85 alpha Rabbit Monoclonal Antibody
Catalog #: AMRe87117

Summary

Production Name	PI3-Kinase p85 alpha Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, FC, IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	PI3-Kinase p85 alpha
Alternative Names	p85; AGM7; GRB1; IMD36; p85-ALPHA
Gene ID	5295
SwissProt ID	P27986.

Application

Dilution Ratio	WB: 1:1000 ICC/IF: 1:100-1:200 FC: 1:100 IP: 1:50
Molecular Weight	Calculated MW:84 kDa; Observed MW:85 kDa

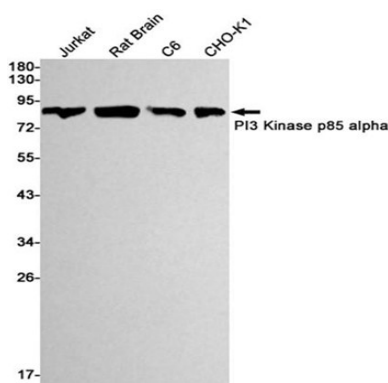
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Background

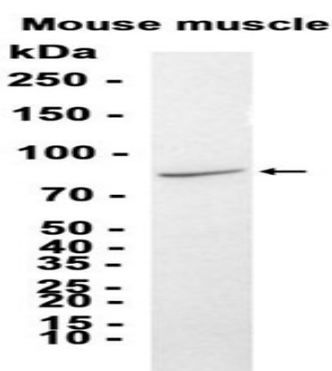
Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Research Area

Image Data

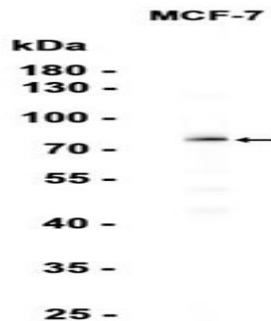


Western blot detection of PI3 Kinase p85 alpha in Jurkat,C6,CHO-K1 cell lysates using PI3 Kinase p85 alpha antibody(1:1000 diluted).

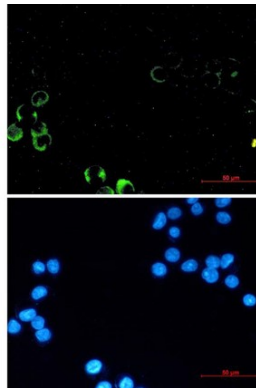


Western blot analysis of extracts from Mouse muscle tissue using AMRe87117 at 1:1000.

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Western blot analysis of extracts from MCF-7 cells using AMRe87117 at 1:1000.



Immunofluorescent analysis of MCF-7 cells using AMRe87117 antibody (green), and DAPI (blue).

Note

For research use only.