

DESCRIPTION

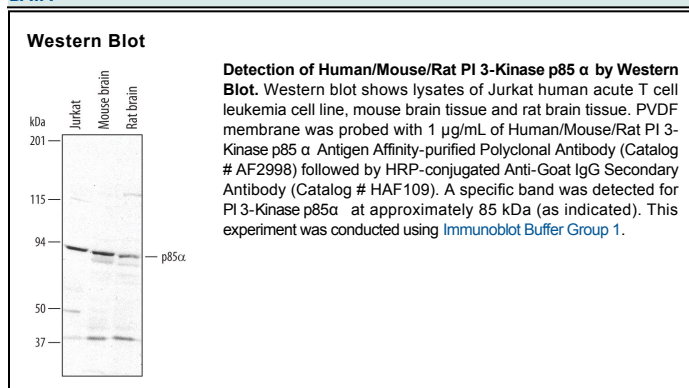
Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse and rat PI 3-Kinase p85 α in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human PI 3-Kinase p85 α Leu328-Tyr431 Accession # P27986
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	1 μ g/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 $^{\circ}$ C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 $^{\circ}$C as supplied. • 1 month, 2 to 8 $^{\circ}$C under sterile conditions after reconstitution. • 6 months, -20 to -70 $^{\circ}$C under sterile conditions after reconstitution.

BACKGROUND

Class I phosphoinositide 3-kinases (PI 3-Kinases) are heterodimeric proteins that consist of a catalytic subunit of 110-120 kDa and an associated regulatory subunit. p85 α is one of the regulatory subunits that associate with the class IA PI 3-Kinases. Composed of one SH3 and two SH2 domains, p85 α functions as an adapter, coupling catalytic p110 to activated receptor tyrosine kinases.