

Anti-Phospho-GUK1 (Tyr74) Antibody



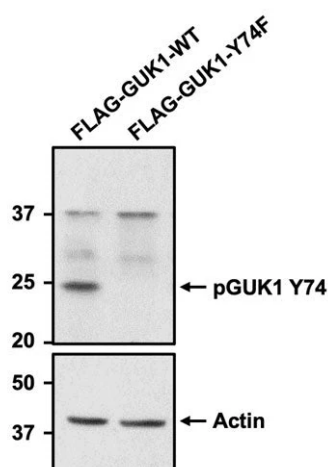
Pooled Serum

Product Details

Available Variants	100 μ L (SKU:pGUK1-74) 25 μ L (SKU:pGUK1-74t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GUK1
Host Species	Rabbit
Concentration	Lot Dependent
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:200-1:500 IHC: 1:50-1:100 ICC: 1:50-1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic phosphopeptide corresponding to amino acid residues surrounding Tyr74 of human GUK1, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	No cross-reactivity reported
Molecular Weight	22 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>Q16774</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Tyr74

Product Images



Western blot detection of GUK1 phosphorylated at Tyr74 using anti-pGUK1 Tyr74 rabbit polyclonal antibody (Cat No. pGUK1-74). Whole cell lysates were generated from HEK293T cells stably co-expressing EML4-ALK fusion protein with FLAG-GUK1-WT or FLAG-GUK1-Y74F mutant, run on SDS-PAGE gel, transferred to a nitrocellulose membrane and examined by Western blot. The blot was probed with pGUK1-Y74 primary antibody at a concentration of 1:200 and then detected via chemiluminescence using a Goat Anti-Rabbit H+L, HRP conjugated secondary antibody. Actin was used as a loading control to show equal loading of both lysates. pGUK1 Y74 antibody recognizes only GUK1-WT and not the phospho-deficient mutant GUK1-Y74F at the expected molecular weight of ~25 kDa. Image courtesy of Kiran Kurmi, University of Miami Miller School of Medicine.

Product Page URL: www.antibodiesinc.com/products/anti-phospho-guk1-tyr74-antibody-pguk1-74



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