

AB-PK836

TRIM33-pS1119 Antibody

Phosphosite-specific polyclonal antibody for monitoring the phosphorylation of human protein-serine/threonine kinase TRIM33 (TIF1G)



KINEXUS

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Target Protein

Name Long:	Transcription intermediary factor 1-gamma
Alias:	FLJ11429; KIAA1113; PTC7; Ret-fused gene 7; RET-fused gene 7 protein; RFG7; Rfg7 protein; TRIM33; Tripartite motif-containing 33 (PTC7;TIF1G); TIF1GAMMA; FLJ32925; ENSG00000197323
UniProt ID:	Q9UPN9
Sequence Predicted Mass (KDa):	122.533 (1127 AA; Q9UPN9); 120.541 (1110 AA; Q9UPN9-2)
Observed SDS-PAGE Mass (KDa):	130-150

Immunogen

Antibody Immunogen Source:	Human TRIM33 (TIF1G) sequence peptide Cat. No.: PE-04AQB95
Antibody Immunogen Sequence:	RLK(pS)DER(bA)C (bA) = beta-alanine
Location in Target:	Corresponds to amino acid residues R1116 to R1122; In C-terminus of kinase
Peptide Type:	For phosphosite-specific recognition of target.
Target Phosphosite:	Ser-1119

Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Immunoglobulin G
Production Method:	The immunizing peptide was produced by solid phase synthesis on a multipепptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from each animal was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris. This antibody was also subject to negative purification over phosphotyrosine-agarose.
Antibody Amount:	25 µg
Antibody Concentration:	0.75 mg/ml
Lot Number:	150305
Storage Buffer:	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

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Applications

Product Use:	Western blotting Antibody microarrays
Antibody Dilution Recommended:	2 µg/ml for immunoblotting
Antibody Species Reactivity:	Human, mouse, rat and many other mammals; Phosphosite is highly conserved in mammals
Antibody Positive Controls:	Very strong immunoreactivity with immunogen peptide on dot blots.
Overall Antibody Specificity:	High selectivity
Antibody Cross Reactivities:	No significant cross-reactive proteins in HepG2 and MCF7 cells, except for medium 75 and ~48 KDa immunoreactive proteins.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINEXUS(546-3987)