

Anti-Kos1 Polyclonal Antibody

Catalog Number:	RA19032
Lot Number:	R5941
Quantity:	100 µg in 100 µl (1 mg/ml) in PBS containing 0.02% sodium azide.
Description:	Kinase of embryonic stem cells (Kos1) is a nonreceptor protein tyrosine kinase (NRPTK) and a new member of the Ack family of NRPTKs. Kos1 is a ubiquitously expressed 47-kDa protein with autotyrosine kinase activity that is developmentally regulated during embryogenesis. Kos1 is also upregulated following IL3 withdrawal from factor-dependent murine NSF/N1.H7 cells that undergo apoptosis, suggesting a role in growth inhibition. Data support a negative regulatory role for Kos1 in regulating the Ras-Raf1-MAPK growth pathway by a mechanism that requires its autotyrosine kinase activity.
Host Species:	Rabbit
Specificity:	Reacts with the C terminal residues 421-434 [QNQVQSLPAGSAEP] of the 47 kDa mouse Kos1 protein.
Applications:	Western blot – Use at 1:500-1,000 dilution. However, the investigator should determine the optimal dilution for a specific application such as immunohistochemistry.
Format:	Affinity purified IgG
Storage:	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles.
Reference:	Hoare, K. et al. Oncogene 22 (23), 3562-3577 (2003).

FOR RESEARCH USE ONLY

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