

Product datasheet for **TA336625**

Tnk1 Rabbit Polyclonal Antibody

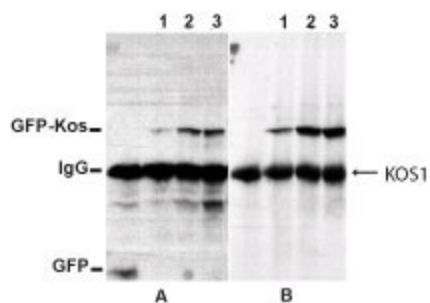
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1:500-1:1000, IF: 1:50-1:200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	C-terminal residues 421-434 [QNQVQSLPAGSAEP] of the 47 kDa mouse Kos1 / Tnk1 protein.
Formulation:	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tyrosine kinase, non-receptor, 1
Database Link:	NP_114086 Entrez Gene 8711 Human Entrez Gene 83813 Mouse Q99ML2
Background:	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.
Synonyms:	MGC46193
Note:	This antibody may be used for Western blot and immunocytochemistry/immunofluorescence.



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Product images:



Western Blot: Kos1/Tnk1 Antibody TA336625 - T47D cells expressing GFP/GFP-Kos were lysed in RIPA lysis buffer. 500ug protein from clarified cell lysates was immunoprecipitated with an anti-GFP antibody. The washed immunoprecipitates were electrophoresed



Immunocytochemistry/Immunofluorescence: Kos1/Tnk1 Antibody TA336625 - Kos1 staining in HeLa cells detected with a Dylight 488 labeled secondary antibody.