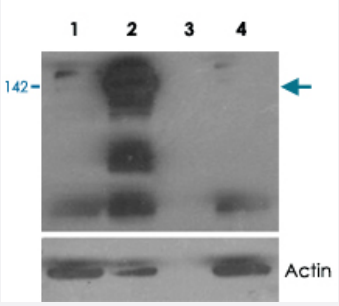
TNKS polyclonal antibody

Catalog # PAB15673 Size 100 ug

Applications



Western Blot (Transfected lysate)

HEK293 overexpressing TANK1 (Lane 2) and TANK2 (Lane 4) and probed with TNKS polyclonal antibody (Cat # PAB15673) (mock transfection in first lane). Lane three is empty.

Specification

Product Description	Goat polyclonal antibody raised aganist partial recombinant TNKS.
Immunogen	Recombinant protein corresponding to N-terminus 120 amino acids of human TNKS.
Sequence	RECOMBINANT
Host	Goat
Theoretical MW (kDa)	141
Reactivity	Human
Specificity	In transfected HEK293 transiently expressing TANK1 a band of approximately 142 KDa is observed. This band is not observed in the non-transfected HEK293. No cross-reactivity expected to TANK2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

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Recommend Usage	Western Blot (0.5-1.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  HEK293 overexpressing TANK1 (Lane 2) and TANK2 (Lane 4) and probed with TNKS polyclonal antibody (Cat # PAB15673) (mock transfection in first lane). Lane three is empty.

Gene Info — TNKS

Entrez GeneID	8658
Protein Accession#	NP_003738.2
Gene Name	TNKS
Gene Alias	PARP-5a, PARP5A, PARPL, TIN1, TINF1, TNKS1
Gene Description	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase
Omim ID	603303
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000115550

Publication Reference

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- Tankyrase 1 as a target for telomere-directed molecular cancer therapeutics.

  Seimiya H, Muramatsu Y, Ohishi T, Tsuruo T.

  Cancer Cell 2005 Jan; 7(1):25.

  Application: WB, Human, HT-1080, HTC75 cells

Disease

- Breast Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasm Metastasis
- Obesity
- Pulmonary Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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