

Rabbit anti-Human Tankyrase 1 Polyclonal Antibody | anti-TNKS antibody

Rabbit anti-Tankyrase 1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211864	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

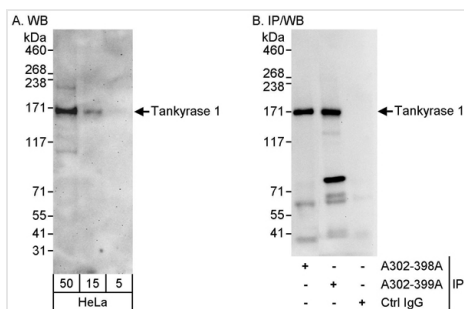
PRODUCT SYNONYMS

Tankyrase 1; Polyclonal Antibody; Rabbit anti-Tankyrase 1 Antibody; Affinity Purified; tankyrase; TRF1-interacting ankyrin-related ADP-ribose polymerase; ADP-ribosyltransferase diphtheria toxin-like 5; TNKS-1; TNKS1; TINF1; TIN1; tankyrase-1; TRF1-interacting ankyrin-related ADP-ribose polymerase 1; tankyrase I; TANK1; poly [ADP-ribose] polymerase 5A; pART5; PARPL; PARP-5a; ARTD5; PARP5A; Tankyrase-1; anti-TNKS antibody

PRODUCT SPECIFICATIONS

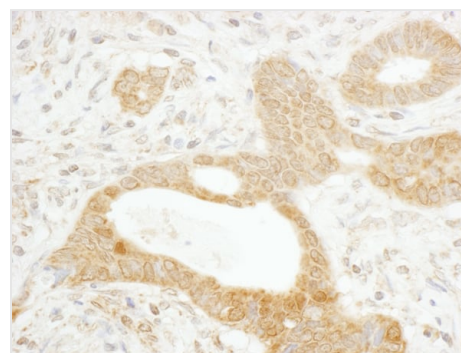
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TNKS antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 1277 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Tankyrase 1 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Tankyrase 1 antibody AAA211864 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 10 ug/mg lysate. Tankyrase 1 was also immunoprecipitated by rabbit anti-Tankyrase 1 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human Tankyrase 1 by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-Tankyrase 1 (Cat. No. AAA211864 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TNKS antibody	Tankyrase-1 is a poly(ADP-ribose) polymerase that localizes to telomeres via its interaction with TRF1. Tankyrase modifies and associates with multiple proteins and appears to be involved in the maintenance of telomere length, sister telomere association, mitotic spindle organization, and trafficking of glut4-containing vesicles.
Product Categories/Family for anti-TNKS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	87239981
NCBI GeneID	8658
NCBI Accession #	NP_003738.2
NCBI GenBank Nucleotide #	NM_003747.2
UniProt Accession #	O95271; O95272; Q4G0F2; Q59FX0
Molecular Weight	142,039 Da
NCBI Official Full Name	tankyrase-1
NCBI Official Synonym Full Names	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase
NCBI Official Symbol	TNKS
NCBI Official Synonym Symbols	TIN1; PARPL; TINF1; TNKS1; pART5; PARP5A; PARP-5a
NCBI Protein Information	tankyrase-1; TANK1; TNKS-1; tankyrase I; OTTHUMP00000115550; OTTHUMP00000224675; poly [ADP-ribose] polymerase 5A; TRF1-interacting ankyrin-related ADP-ribose polymerase
UniProt Protein Name	Tankyrase-1
UniProt Gene Name	TNKS
UniProt Synonym Gene Names	PARP5A; PARPL; TIN1; TINF1; TNKS1; TANK1; ARTD5
UniProt Entry Name	TNKS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tankyrase-1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211864>