



## Anti-TNKS (aa 1017-1124) polyclonal antibody (DPAB-DC3622)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	TNKS (tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase) is a protein-coding gene. Diseases associated with TNKS include cerebral atherosclerosis, and diphtheria, and among its related super-pathways are Apoptotic Pathways in Synovial Fibroblasts and Nicotinate and nicotinamide metabolism. GO annotations related to this gene include NAD+ ADP-ribosyltransferase activity and zinc ion binding. An important paralog of this gene is TNKS2.
<b>Immunogen</b>	TNKS (NP_003738, 1017 a.a. ~ 1124 a.a) partial recombinant protein with GST tag. The sequence is TERKEGEVAGLDMNISQFLKSLGLEHLRDIFETEQITLDVLADMGHEELKEIGINAYGHR HKLIKGVERLLGGQQGTNPYLTFHCVNQGILLDLAPEDKEYQSVEEE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">TNKS tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TNKS
<b>Synonyms</b>	TNKS; tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase; TIN1; ARTD5; PARPL; TINF1; TNKS1; pART5; PARP5A; PARP-5a; tankyrase-1; TANK1; TNKS-1; tankyrase I; poly [ADP-ribose] polymerase 5A; ADP-ribosyltransferase diphtheria toxin-like 5; TRF1-interacting ankyrin-related ADP-ribose polymerase;
<b>Entrez Gene ID</b>	<a href="#">8658</a>
<b>Protein Refseq</b>	<a href="#">NP_003738</a>
<b>UniProt ID</b>	<a href="#">O95271</a>
<b>Chromosome Location</b>	8p23.1
<b>Pathway</b>	Regulation of Telomerase; Signaling by Wnt; degradation of AXIN;
<b>Function</b>	NAD+ ADP-ribosyltransferase activity; protein binding; zinc ion binding;