



# Anti-TKTL2 (aa 59-120) polyclonal antibody (DPAB-DC3458)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	TKTL2 (transketolase-like 2) is a protein-coding gene. Diseases associated with TKTL2 include wernicke-korsakoff syndrome, and laryngeal squamous cell carcinoma, and among its related super-pathways are pentose phosphate pathway and Biosynthesis of amino acids. GO annotations related to this gene include metal ion binding and transketolase activity. An important paralog of this gene is TKTL1.
<b>Immunogen</b>	DKFZP434L1717 (NP_115512, 59 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is YKQTDPEHPDNDRLFILSRGHAAPILYAAWVEVGDISDLLNLRKLHSDLERHPTPRLPF VD
<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="#">TKTL2 transketolase-like 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TKTL2
<b>Synonyms</b>	TKTL2; transketolase-like 2; transketolase-like protein 2;
<b>Entrez Gene ID</b>	<a href="#">84076</a>
<b>Protein Refseq</b>	<a href="#">NP_115512</a>
<b>UniProt ID</b>	<a href="#">Q9H0I9</a>
<b>Chromosome Location</b>	4q32.2
<b>Pathway</b>	Biosynthesis of amino acids; Carbon metabolism; Pentose phosphate pathway; Pentose phosphate pathway (Pentose phosphate cycle).
<b>Function</b>	metal ion binding; transketolase activity;