

## Datasheet for ABIN2783581 anti-TKTL2 antibody (N-Term)



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### Overview

Quantity:	100 µL
Target:	TKTL2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TKTL2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TKTL2
Sequence:	QLTSCCSAAE VSVLFFHTM KYKQTDPEHP DNDRLFILSRG HAAPILYAAW
Predicted Reactivity:	Cow: 77%, Dog: 85%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Pig: 93%, Rabbit: 77%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against TKTL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	TKTL2
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## Target Details

Alternative Name:	TKTL2 ( <a href="#">TKTL2 Products</a> )
Background:	The exact function of TCP10 remains unknown. Alias Symbols: DKFZP434L1717, FLJ32975 Protein Interaction Partner: NFIC, Protein Size: 626
Molecular Weight:	68 kDa
Gene ID:	84076
NCBI Accession:	<a href="#">NM_032136</a> , <a href="#">NP_115512</a>
UniProt:	<a href="#">Q9H0I9</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 626 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang,
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Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48. ..." in: **Science advances**, Vol. 7, Issue 50, pp. eabl5182, (2021) ([PubMed](#)).



Western Blotting

**Image 1.** WB Suggested Anti-TKTL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart