

Datasheet for ABIN2786122  
**anti-DAK antibody (N-Term)**[Go to Product page](#)

## 3 Images

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DAK
Sequence:	MTSKKLVNSV AGCADDALAG LVACNPNLQL LQGHRVALRS DLDCLKGRVA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against DAK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DAK
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## Target Details

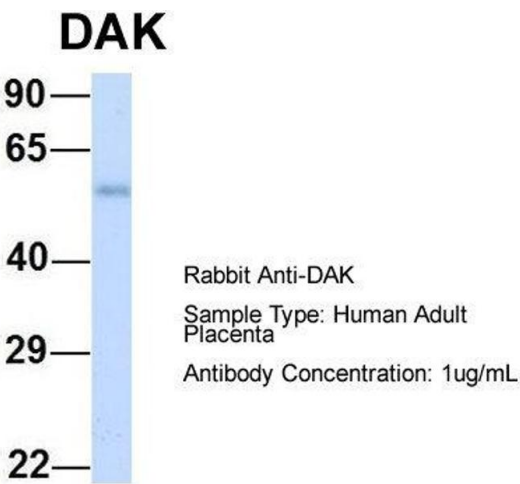
Alternative Name:	DAK ( <a href="#">DAK Products</a> )
Background:	<p>This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cycl</p> <p>Alias Symbols: DKFZP586B1621, MGC5621, NET45</p> <p>Protein Interaction Partner: SDCBP, UBC, YWHAB, SMS, PDIA3, GBP1, NHLRC2, FTO, NANS, METAP2, FERMT2, NPEPPS, SLC9A3R1, FLAD1, C12orf10, GBE1, ENO3, AGL, ACAT2,</p> <p>Protein Size: 575</p>
Molecular Weight:	59 kDa
Gene ID:	26007
NCBI Accession:	<a href="#">NM_015533</a> , <a href="#">NP_056348</a>
UniProt:	<a href="#">Q3LXA3</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 575 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.



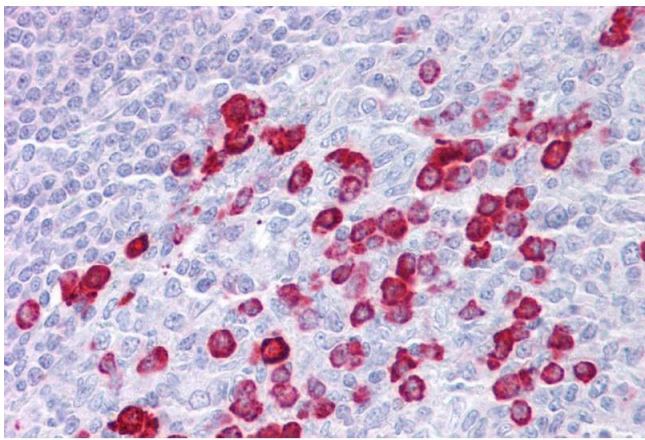
#### Western Blotting

**Image 1.** Host: Rabbit

Target Name: DAK

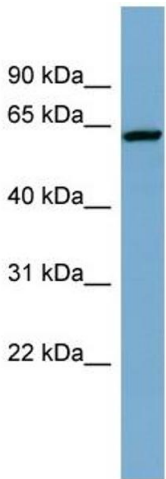
Sample Tissue: Human Adult Placenta

Antibody Dilution: 1.0 µg/mL



#### Immunohistochemistry

**Image 2.** Immunohistochemistry with Tonsil tissue at an antibody concentration of 5µg/ml using anti-DAK antibody (ARP55278\_P050)



#### Western Blotting

**Image 3. WB Suggested Anti-DAK Antibody Titration:** 0.2-1 µg/ml

**ELISA Titer:** 1:62500

**Positive Control:** OVCAR-3 cell lysate