

## Rabbit TKFC Polyclonal Antibody | anti-TKFC antibody

TKFC Antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------------|------------------------------------|
| AAA200482 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot, Immunohistochemistry |

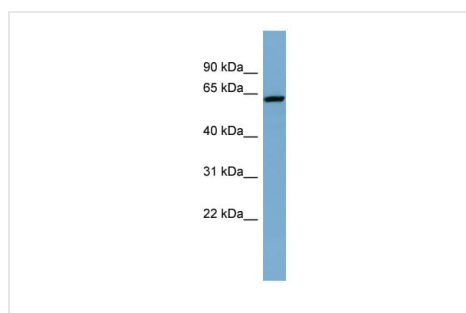
### PRODUCT SYNONYMS

TKFC; Polyclonal Antibody; TKFC Antibody - N-terminal region; anti-TKFC antibody

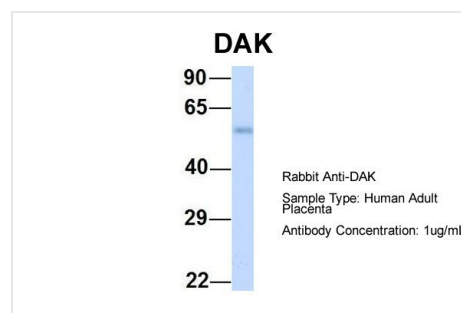
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: MT SKKLVNSVAG CADDALAGLV ACNPNLQLLQ GHRVALRSDL DSLKGRVA                                                  |
| Sequence Length                                | 575                                                                                                                                                   |
| Applicable Applications for anti-TKFC antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%                                |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human DAK                                                              |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES

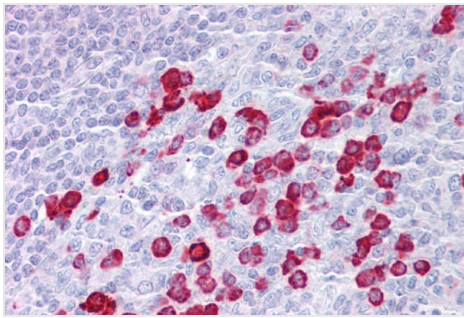


#### WB (Western Blot)

WB Suggested Anti-DAK Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:62500  
Positive Control: OVCAR-3 cell lysate


#### WB (Western Blot)

Host: Rabbit  
Target Name: DAK  
Sample Type: Human Adult Placenta  
Antibody Dilution: 1.0 ug/ml



#### IHC (Immunohistochemistry)

Immunohistochemistry with Tonsil tissue at an antibody concentration of 5ug/ml using anti-DAK antibody

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-TKFC antibody</b> | <p>This is a rabbit polyclonal antibody against DAK. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: 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 cyclin FMN) from FAD. Several alternatively spliced transcript variants have been found for this gene.</p> |
| <b>Product Categories/Family for anti-TKFC antibody</b>   | <p> <a href="#">Polyclonal</a>;            <a href="#">Drugs and Drug Metabolism</a>;            <a href="#">Various</a>;            <a href="#">Immunohistochemistry</a> </p>                                                                                                                                                                                                                                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">20149621</a>                                                     |
| <b>NCBI GeneID</b>                      | <a href="#">26007</a>                                                        |
| <b>NCBI Accession #</b>                 | <a href="#">NP_056348</a>                                                    |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_015533</a>                                                    |
| <b>UniProt Accession #</b>              | <a href="#">Q3LXA3</a>                                                       |
| <b>Molecular Weight</b>                 | 59kDa                                                                        |
| <b>NCBI Official Full Name</b>          | triokinase/FMN cyclase isoform b                                             |
| <b>NCBI Official Synonym Full Names</b> | triokinase and FMN cyclase                                                   |
| <b>NCBI Official Symbol</b>             | TKFC                                                                         |
| <b>NCBI Official Synonym Symbols</b>    | DAK; NET45                                                                   |
| <b>NCBI Protein Information</b>         | triokinase/FMN cyclase                                                       |
| <b>UniProt Protein Name</b>             | Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing) |
| <b>UniProt Gene Name</b>                | <b>DAK</b>                                                                   |
| <b>UniProt Synonym Gene Names</b>       | DHA kinase                                                                   |
| <b>UniProt Entry Name</b>               | DHAK_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/tkfc-antibody-western-blot-immunohistochemistry-elisa/200482>