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Datasheet for ABIN671289

**anti-TIGAR antibody (AA 161-270) (Cy3)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | TIGAR  |
| Binding Specificity: | AA 161-270   |
| Reactivity:          | Mouse  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This TIGAR antibody is conjugated to Cy3   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human TIGAR |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Mouse   |
| Predicted Reactivity: | Human   |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | TIGAR                                    |
| Alternative Name: | TIGAR ( <a href="#">TIGAR Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | Synonyms: FR2BP, TIGAR, Fructose-2,6-bisphosphatase TIGAR, TP53-induced glycolysis and apoptosis regulator, C12orf5<br><br>Background: Fructose-bisphosphatase hydrolyzing fructose-2,6-bisphosphate as well as fructose-1,6-bisphosphate. Inhibits glycolysis by reducing cellular levels of fructose-2,6-bisphosphate. May protect cells against reactive oxygen species and against apoptosis induced by tp53. |
| Gene ID:    | 57103   |
| UniProt:    | <a href="#">Q9NQ88</a>  |
| Pathways:   | <a href="#">Warburg Effect</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |