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Datasheet for ABIN705736  
**anti-DDIT4 antibody (AA 165-232) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	DDIT4
Binding Specificity:	AA 165-232
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDIT4 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DDIT4
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	DDIT4
Alternative Name:	DDIT4 ( <a href="#">DDIT4 Products</a> )

## Target Details

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Background: Synonyms: DDIT4, DDIT4\_HUMAN, Dig2, DKFZp564O2071, DNA damage inducible transcript 4, DNA damage inducible transcript 4 protein, DNA damage-inducible transcript 4 protein, FLJ20500, H 1 responsive protein RTP801, H 1 responsive RTP801, H-1 responsive protein RTP801, Protein regulated in development and DNA damage response 1, REDD 1, REDD-1, REDD1, RP11 442H21.1, RTP801.

Background: Inhibits cell growth by regulating the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Promotes neuronal cell death.

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Gene ID: 54541

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Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Carbohydrate Metabolic Process](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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