

Datasheet for ABIN705740
anti-DDIT4 antibody (AA 165-232) (HRP)



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Overview

Quantity:	100 µL
Target:	DDIT4
Binding Specificity:	AA 165-232
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDIT4 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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 (DDIT4 Products)

Target Details

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.

Gene ID: 54541

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

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

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

Expiry Date: 12 months