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Datasheet for ABIN1398402

## anti-HEATR3 antibody (AA 601-680) (AbBy Fluor® 647)

### Overview

Quantity:	100 µL
Target:	HEATR3
Binding Specificity:	AA 601-680
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HEATR3 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HEATR3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep
Purification:	Purified by Protein A.

### Target Details

Target:	HEATR3
Alternative Name:	HEATR3 ( <a href="#">HEATR3 Products</a> )
Background:	Synonyms: HEAT repeat-containing protein 3, HEAT repeat containing 3, HEAT3_HUMAN,

## Target Details

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Heatr3.

Background: HEATR3 is a 680 amino acid protein existing as three alternatively spliced isoforms and containing two HEAT (Huntingtin, elongation factor 3 (EF3), protein phosphatase 2A (PP2A) and the yeast PI3-kinase Tor1) repeats. HEAT repeats form rod-like helical structures that are involved in intracellular transport. HEATR3 is encoded by a gene located on human chromosome 16, which encodes over 900 genes and comprises nearly 3 % of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, a gastrointestinal inflammatory condition.

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Gene ID: 55027

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## 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

## 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