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Datasheet for ABIN1391790

anti-GALP antibody (AA 25-84) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	GALP
Binding Specificity:	AA 25-84
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALP antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GALP
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GALP
Alternative Name:	GALP/Alarin (GALP Products)
Background:	Synonyms: Alarin, Alarin splice variant, Galanin like peptide, Galanin like peptide precursor

Target Details

protein, GALP precursor protein, GALP_HUMAN.

Background: The galanin family of proteins are key members for inflammatory processes and cell proliferation, and may function as potential biomarkers for colon cancer. Produced in both neuronal and nonneuronal cells in the skin, members of the galanin family include galanin, galanin-message associated peptide, galanin-like peptide and alarin. GALP, also known as galanin-like peptide, is a 116 amino acid secreted protein belonging to the galanin family. Mainly produced in the arcuate nucleus of the hypothalamus (ARC) and the posterior pituitary, GALP is thought to function in CNS homeostatic processes, including the regulation of gonadotropin-releasing hormone secretion. GALP binds to the G-protein coupled galanin receptors, including GALR1, GALR2 and GALR3, and may also play a role in energy metabolism, with significant implications towards obesity. GALP exists as two alternatively spliced isoforms.

Application Details

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