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Datasheet for ABIN5001790

anti-EGFLAM antibody (AA 111-210) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	EGFLAM
Binding Specificity:	AA 111-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGFLAM antibody is conjugated to Alexa Fluor 680
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 Pikachurin
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Horse
Purification:	Purified by Protein A.

Target Details

Target:	EGFLAM
Alternative Name:	EGFLAM/Pikachurin (EGFLAM Products)
Background:	Synonyms: fibronectin type-III and laminin G-like domain-containing protein, Agrin-like protein,

Target Details

AGRINL, AGRNL, EGF-like, EGF-like, fibronectin type III and laminin G domains, EGF-like, fibronectin type-III and laminin G-like domain-containing protein, EGFLA_HUMAN, EGFLAM, FLJ39155, Pikachurin.

Background: EGFLAM is a 1,017 amino acid secreted protein containing three EGF-like domains, two fibronectin type-III domains, and three laminin G-like domains. Colocalizing with bassoon, CtBP and dystroglycan in photoreceptor synaptic terminals, EGFLAM is involved in retinal photoreceptor ribbon synapse formation. EGFLAM may also promote matrix assembly and cell adhesion. Existing as five alternatively spliced isoforms, the gene encoding EGFLAM maps to human chromosome 5p13.2. Chromosome 5 makes up approximately 6 % of the human genome and contains 181 million base pairs, which encode 1,000 genes. Cockayne syndrome, Treacher Collins syndrome, acute myelogenous leukemias and myelodysplastic syndrome are associated with genes present on chromosome 5.

Pathways: [Glycosaminoglycan Metabolic Process](#)

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