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Datasheet for ABIN1400332 **anti-EFHC1 antibody (Alexa Fluor 488)**

Overview

Quantity:	100 µL
Target:	EFHC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFHC1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EFHC1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	EFHC1
Alternative Name:	EFHC1 (EFHC1 Products)
Background:	Synonyms: EF hand domain C terminal containing 1, EF hand domain containing protein 1, EF-hand domain-containing protein 1, Efhc1, EFHC1_HUMAN, EJA1, EJM1, FLJ10466, FLJ37290, JAE, Myoclonin 1, Myoclonin-1. Background: Defects in EFHC1 are the cause of juvenile myoclonic epilepsy type 1 (EJM1)

Target Details

[MIM:254770]. EJM1 is a subtype of idiopathic generalized epilepsy (IGE). Patients have afebrile seizures only, with onset in adolescence (rather than in childhood) and myoclonic jerks which usually occur after awakening and are triggered by sleep deprivation and fatigue. Genetic variations in EFHC1 are the cause of susceptibility to juvenile absence epilepsy type 1 (JAE1) . JAE is a subtype of idiopathic generalized epilepsy characterized by onset occurring around puberty, absence seizures, generalized tonic-clonic seizures (GTCS), GTCS on awakening, and myoclonic seizures.

Gene ID: 114327

Application Details

Application Notes: IF(IHC-P) 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