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Datasheet for ABIN1404544
anti-FRA10AC1 antibody (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	FRA10AC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FRA10AC1 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 C10orf4/FRA10AC1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	FRA10AC1
Alternative Name:	C10orf4 (FRA10AC1 Products)
Background:	<p>Synonyms: Chromosome 10 open reading frame 4, F26C11.1 like, FRA10AC1, FRA10AC1 protein, Fragile site 10q23.3, PRO2972, Protein FRA10AC1, Rare folic acid type fragile site FRA10q23.3 candidate gene 1, F10C1_HUMAN.</p> <p>Background: C10orf4, also known as FRA10A or FRA10AC1, is a 315 amino acid nuclear protein</p>

Target Details

that is expressed strongly in kidney, liver, heart, brain and skeletal muscle. Defects in the gene encoding C10orf4 are characterized by an expansion of a polymorphic CGG repeat within the 5'-UTR of the gene, an event that is thought to cause folate-sensitive fragile site FRA10A expression. Expression of this mutated FRA10A protein may be associated with tumorigenesis, neurological disorders and mental retardation. C10orf4 is believed to be conserved between species. Five isoforms of C10orf4, all of which differ in their C-termini, are expressed due to alternative splicing events.

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