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Datasheet for ABIN2814137

anti-Coagulation Factor VIII-Associated 1 (F8A1) (AA 2-80) antibody (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	Coagulation Factor VIII-Associated 1 (F8A1)
Binding Specificity:	AA 2-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HAP40
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow
Purification:	Purified by Protein A.

Target Details

Target:	Coagulation Factor VIII-Associated 1 (F8A1)
Alternative Name:	HAP40/F8a (F8A1 Products)
Background:	Synonyms: Coagulation factor 8 associated intronic transcript 1, Coagulation factor VIII

Target Details

associated intronic transcript 1, CpG island protein, DXS522E, F8a, F8A1, F8A2, F8A3, Factor 8 associated protein, Factor 8 intron 22 protein, Factor VIII associated protein, Factor VIII intron 22 protein, huntingtin associated protein 40, F8I2_HUMAN.

Background: The Huntingtin protein contains a polyglutamine region, which leads to Huntingtin's disease (HD) when the number of glutamine repeats exceeds thirty-five. The mutated Huntingtin protein acts within the nucleus to induce neurodegeneration by a cell-specific apoptotic mechanism. The loss of activity of the Huntingtin protein may be contributed to abnormal interactions between the mutant protein and other associated cellular proteins. Huntingtin interacts with a variety of proteins including HAP1, glyceraldehyde phosphate dehydrogenase (GAPDH), HAP40, Rab5 and HIP1. HAP40 mediates the recruitment of Huntingtin by Rab5 onto early endosomes. Specifically, this complex regulates endosome motility, which may be a key event of the pathogenetic process leading to neurodegeneration in HD.

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