antibodies

Datasheet for ABIN1714497 anti-Chromosome 1 Open Reading Frame 84 (C1orf84) (AA 651-750) antibody



Overview

Quantity:	100 μL	
Target:	Chromosome 1 Open Reading Frame 84 (C1orf84)	
Binding Specificity:	AA 651-750	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	Un-conjugated	
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf84	
Isotype:	lgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	Chromosome 1 Open Reading Frame 84 (C1orf84)	
Alternative Name:	C1orf84 (C1orf84 Products)	

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Target Details		
Background:	Synonyms: Chromosome 1 open reading frame 84, Hypothetical protein LOC149469,	
	Uncharacterized protein C1orf84, SZT2_HUMAN.	
	Background: SZT2 (seizure threshold 2 homolog (mouse)), also known as SZT2A or SZT2B, is a	
	3,432 amino acid peroxisomal protein that plays a role in resistance to oxidative stress.	
	Predominantly expressed in the parietal and frontal cortex, as well as in dorsal root ganglia of	
	the brain, SZT2 is implicated in superoxide dismutase activity and the neuroprotection in	
	peroxisomes. Existing as four alternatively spliced isoforms, SZT2 is thought to enhance	
	epileptogenesis and is encoded by a gene that maps to human chromosome 1p34.2. Human	
	chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8 $\%$	
	of the human genome and houses a large number of disease-associated genes, including those	
	that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson?s disease,	
	Gaucher disease, schizophrenia and Usher syndrome.	
Gene ID:	23334	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	

11 (100) 1.00 200
IF(ICC) 1:50-200
IF(IHC-F) 1:50-200
IF(IHC-P) 1:50-200

Handling

Format:	Liquid	
Concentration:	1 µg/µL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C	

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Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

12 months

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