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Datasheet for ABIN1398304

anti-GLT8D2 antibody (AA 85-180) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GLT8D2
Binding Specificity:	AA 85-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLT8D2 antibody is conjugated to Alexa Fluor 488
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 GLT8D2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GLT8D2
Alternative Name:	GLT8D2 (GLT8D2 Products)

Target Details

Background: Synonyms: GALA4A, GL8D2_HUMAN, GLT8D2, Glycosyltransferase 8 domain containing 2, Glycosyltransferase 8 domain-containing protein 2, Gycosyltransferase.

Background: GLT8D2 (glycosyltransferase 8 domain-containing protein 2), also known as GALA4A, is a 349 amino acid single-pass type II membrane protein. A member of the glycosyltransferase 8 family, GLT8D2 is encoded by a gene that maps to human chromosome 12q23.3. Encoding over 1,100 genes within 132 million base pairs, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis, Noonan syndrome, Kniest dysplasia and trisomy 12p. Chromosome 12 is also home to a homeobox gene cluster, which encodes crucial transcription factors for morphogenesis, as well as the natural killer complex gene cluster, which encodes C-type lectin proteins that mediate the NK cell response to MHC I interaction.

Gene ID: 83468

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