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Datasheet for ABIN1398136

anti-DHRS7 antibody (AA 61-160) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	DHRS7
Binding Specificity:	AA 61-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHRS7 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DHRS7
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DHRS7
Alternative Name:	DHRS7 (DHRS7 Products)
Background:	Synonyms: CGI 86, CGI86, Dehydrogenase/reductase SDR family member 7, DHRS7A, retDSR4,

Target Details

Retinal short chain dehydrogenase/reductase 4, RETSDR4, DHRS7_HUMAN.

Background: DHRS7 (dehydrogenase/reductase (SDR family) member 7), also known as SDR34C1, CGI-86 or retSDR4, is a 339 amino acid member of the SDR family. Like other members of the SDR family, DHRS7 contains a cofactor-binding Rossmann-fold domain and is thought to catalyze the oxidation and reduction of a variety of substrates such as steroids and retinoids. DHRS7 exists as two alternatively spliced isoforms that are encoded by a gene located on human chromosome 14, which houses over 700 genes and comprises nearly 3.5 % of the human genome. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder α -antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

Gene ID: 51635

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 μ g/ μ L

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