antibodies -online.com







CHL1 ELISA Kit





Publication



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Quantity:	96 tests
Target:	CHL1
Binding Specificity:	AA 25-1096
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human CHL1/L1CAM-2
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: I25-Q1096
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed in the fetal and adult brain as well as in Schwann cell culture. Also detected in adult peripheral tissues
Target Details	
Target:	CHL1

Target Details

Alternative Name:	CHL1 (CHL1 Products)	
Background:	Protein Function: Extracellular matrix and cell adhesion protein that plays a role in nervous	
J	system development and in synaptic plasticity. Both soluble and membranous forms promote	
	neurite outgrowth of cerebellar and hippocampal neurons and suppress neuronal cell death.	
	Plays a role in neuronal positioning of pyramidal neurons and in regulation of both the number	
	of interneurons and the efficacy of GABAergic synapses. May play a role in regulating cell	
	migration in nerve regeneration and cortical development. Potentiates integrin-dependent cell	
	migration towards extracellular matrix proteins. Recruits ANK3 to the plasma membrane (By	
	similarity)	
	Background: Neural cell adhesion molecule L1-like protein also known as close homolog of L1	
	(CHL1) is a protein that in humans is encoded by the CHL1 gene. This protein is a member of	
	the L1 gene family of neural cell adhesion molecules. By FISH, the CHL1 gene was mapped to	
	chromosome 3p26.1. The protein however has dynamic localisation, meaning that it has not	
	only multiple roles in the cell, but also various locations. This protein may also play a role in the	
	growth of certain cancers.	
	Synonyms: Neural cell adhesion molecule L1-like protein, Close homolog of L1, Processed neural	
	cell adhesion molecule L1-like protein,CHL1,CALL,	
	Full Gene Name: Neural cell adhesion molecule L1-like protein	
	Cellular Localisation: Cell membrane, Single-pass type I membrane protein . Soluble forms	
	produced by cleavage/shedding also exist	
UniProt:	000533	
Application Details		
Plate:	Pre-coated	
Restrictions:	For Research Use only	
Handling		
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped	

with wet ice.)

12 months

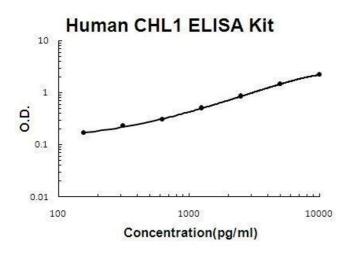
Expiry Date:

Publications

Product cited in:

Ge, Guo, Li, Zhang, Qiang, Zhu, Cheng, Li, Wang, Yu, Yin, Chen, Tong, Lei: "Potential blood biomarkers for chronic traumatic encephalopathy: The multi-omics landscape of an observational cohort." in: **Frontiers in aging neuroscience**, Vol. 14, pp. 1052765, (2022) (PubMed).

Images



ELISA

Image 1. Human CHL1/L1CAM-2 PicoKine ELISA Kit standard curve