Datasheet for ABIN7244468

anti-CLDND2 antibody

1 Image

Go to Product page

Overview

Quantity:	200 µL
Target:	CLDND2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLDND2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human CLDND2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CLDND2
Alternative Name:	CLDND2 (CLDND2 Products)
Background:	CLDND2 (claudin domain containing 2) is a 167 amino acid multi-pass membrane protein that belongs to the PMP-22/EMP/MP20 family and is encoded by a gene that maps to human chromosome 19q13.33. Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2 % of human genomic DNA. Chromosome 19 includes a

Target Details

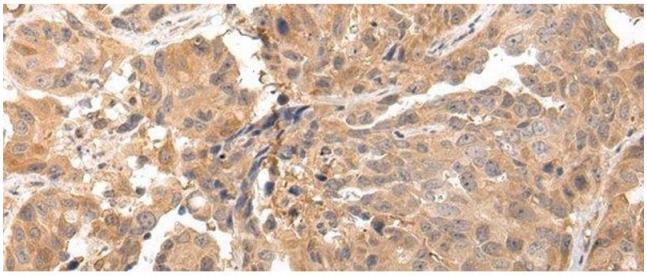
	diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fc receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19.
NCBI Accession:	NP_689566
UniProt:	Q8NHS1

Application Details

Application Notes:	IHC 1:30-150, ELISA 1:2000-10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CLDND2 Polyclonal Antibody at dilution 1:45