

CLDND2 Polyclonal Antibody

Catalog Number:E-AB-17706



Note: Centrifuge before opening to ensure complete recovery of vial contents.

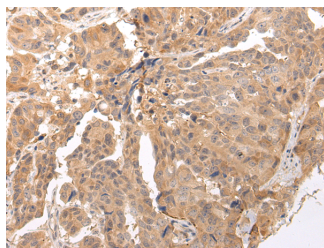
Description

Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human CLDND2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

IHC	1:30-150
ELISA	1:2000-10000

Data



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

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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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 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.

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