PCD19 Rabbit pAb

CatalogNo: YT7422

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,IHC

MW
- 126kD (Calculated)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-300

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human PCD19 AA range: 841-891
Specificity	This antibody detects endogenous levels of PCD19 at Human/Mouse

Target Information

Gene name	PCDH19 KIAA1313

Protein Name PCD19

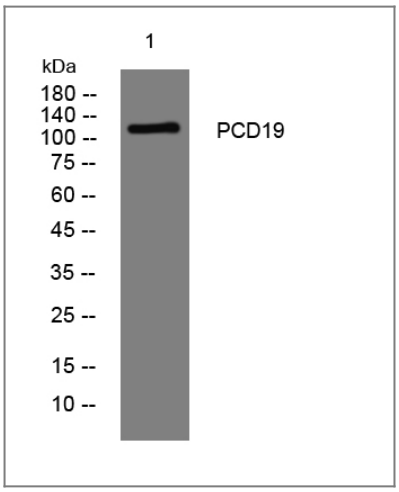
Organism	Gene ID	UniProt ID
Human	57526;	Q8TAB3;
Mouse	279653;	Q80TF3;

Cellular Localization Cell membrane ; Single-pass type I membrane protein .

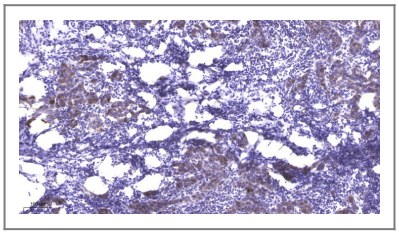
Tissue specificity Moderately expressed in all regions of the brain examined, with lowest levels found in the cerebellum. Moderate expression is also found in ovary, and low expression in all other tissues tested. Also detected in primary skin fibroblast.

Function developmental stage:Expressed in developing cortical plate, amygdala and subcortical regions and in the ganglionic eminence.,Disease:Defects in PCDH19 are the cause of epilepsy, female-restricted, with mental retardation (EFMR) [MIM:300088]; also known as convulsive disorder and mental retardation. EFMR is a condition characterized by seizure onset in infancy or early childhood and cognitive impairment. The disorder is sex-limited, with the phenotype being restricted to females. Males are apparently spared.,Function:Potential calcium-dependent cell-adhesion protein.,similarity:Contains 6 cadherin domains.,tissue specificity:Moderately expressed in all regions of the brain examined, with lowest levels found in the cerebellum. Moderate expression is also found in ovary, and low expression in all other tissues tested. Also detected in primary skin fibroblast.,

Validation Data



Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
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