

PCD19 rabbit pAb

Catalog No :	YT7422
Reactivity :	Human;Mouse
Applications :	WB;IHC
Target :	PCD19
Gene Name :	PCDH19 KIAA1313
Protein Name :	PCD19
Human Gene Id :	57526
Human Swiss Prot No :	Q8TAB3
Mouse Gene Id :	279653
Mouse Swiss Prot No :	Q80TF3
Immunogen :	Synthesized peptide derived from human PCD19 AA range: 841-891
Specificity :	This antibody detects endogenous levels of PCD19 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 126kD

Background : The protein encoded by this gene is a member of the delta-2 protocadherin subclass of the cadherin superfamily. The encoded protein is thought to be a calcium-dependent cell-adhesion protein that is primarily expressed in the brain. Defects in this gene are a cause of epilepsy female-restricted with mental retardation (EFMR). Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010],

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.,

Subcellular Location : Cell membrane ; Single-pass type I membrane protein .

Expression : 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.

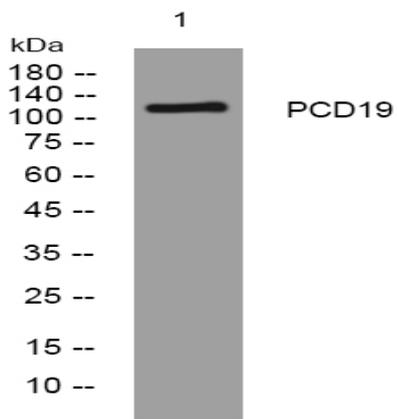
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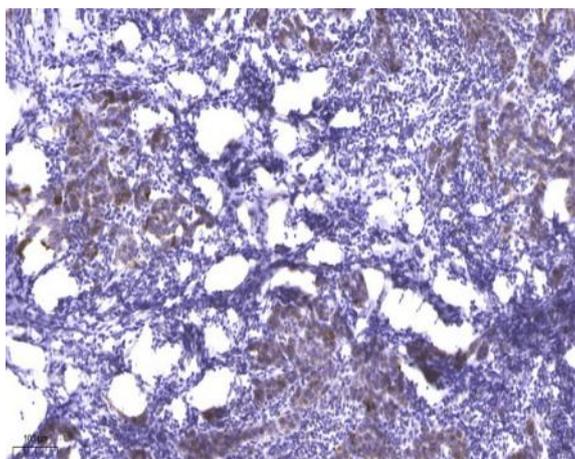
Host : Rabbit

Modifications : Unmodified

Products Images



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).