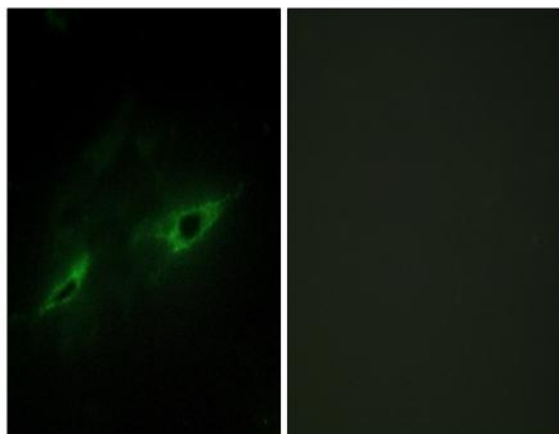


Cadherin-22 Polyclonal Antibody

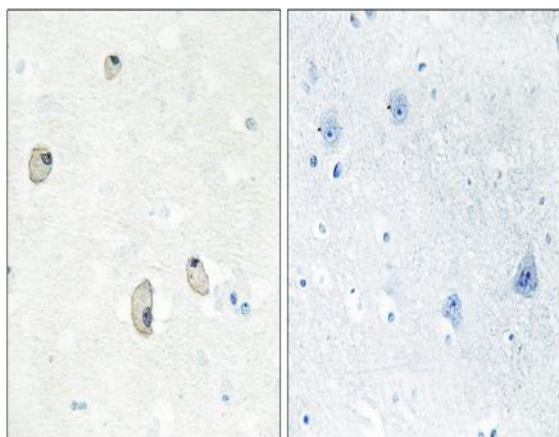
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|------------------------------|---|
| Catalog No : | YT0598 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | Cadherin-22 |
| Gene Name : | CDH22 |
| Protein Name : | Cadherin-22 |
| Human Gene Id : | 64405 |
| Human Swiss Prot No : | Q9UJ99 |
| Mouse Swiss Prot No : | Q9WTP5 |
| Rat Gene Id : | 29182 |
| Rat Swiss Prot No : | Q63315 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human CDH22. AA range:111-160 |
| Specificity : | Cadherin-22 Polyclonal Antibody detects endogenous levels of Cadherin-22 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications. |
| 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) |
| Observed Band : | 84kD |
| Cell Pathway : | Adherens_Junction |
| Background : | This gene is a member of the cadherin superfamily. The gene product is composed of five cadherin repeat domains and a cytoplasmic tail similar to the highly conserved cytoplasmic region of classical cadherins. Expressed predominantly in the brain, this putative calcium-dependent cell adhesion protein may play an important role in morphogenesis and tissue formation in neural and non-neural cells during development and maintenance of the brain and neuroendocrine organs. [provided by RefSeq, Jul 2008], |
| Function : | function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. PB-cadherins may have a role in the morphological organization of pituitary gland and brain tissues.,similarity:Contains 5 cadherin domains., |
| Subcellular Location : | Cell membrane ; Single-pass type I membrane protein . |
| Expression : | Brain,Testis, |

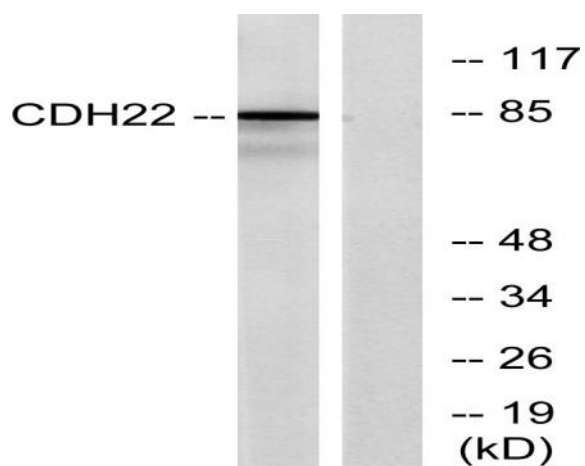
Products Images



Immunofluorescence analysis of NIH/3T3 cells, using CDH22 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH22 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from rat brain cells, using CDH22 Antibody. The lane on the right is blocked with the synthesized peptide.