

Amylin Polyclonal Antibody

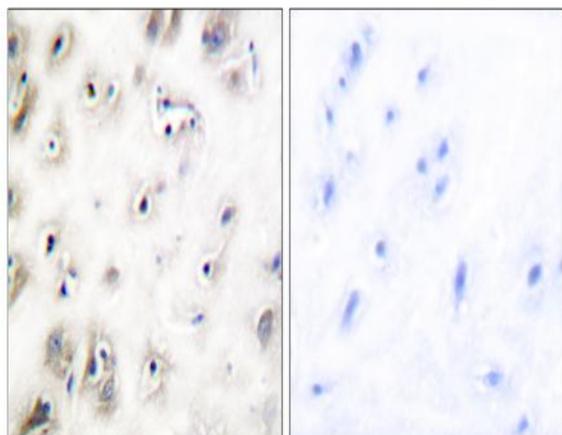
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| Catalog No : | YT0225 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | WB;IHC;IF;ELISA |
| Target : | Amylin |
| Fields : | >>Neuroactive ligand-receptor interaction;>>Maturity onset diabetes of the young |
| Gene Name : | IAPP |
| Protein Name : | Islet amyloid polypeptide |
| Human Gene Id : | 3375 |
| Human Swiss Prot No : | P10997 |
| Mouse Swiss Prot No : | P12968 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human Amylin. AA range:1-50 |
| Specificity : | Amylin Polyclonal Antibody detects endogenous levels of Amylin 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 |

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| Storage Stability : | <u>-15°C to -25°C/1 year(Do not lower than -25°C)</u> |
| Observed Band : | <u>25kD</u> |
| Cell Pathway : | <u>Maturity onset diabetes of the young;</u> |
| Background : | <u>islet amyloid polypeptide(IAPP) Homo sapiens This gene encodes a member of the calcitonin family of peptide hormones. This hormone is released from pancreatic beta cells following food intake to regulate blood glucose levels and act as a satiation signal. Human patients with type 1 and advanced type 2 diabetes exhibit reduced levels of the encoded hormone in blood and pancreas. This protein also exhibits a bactericidal, antimicrobial activity. [provided by RefSeq, Jul 2016],</u> |
| Function : | <u>disease:IAPP is the peptide subunit of amyloid found in pancreatic islets of type 2 diabetic patients and in insulinomas.,function:Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.,online information:Amylin entry,similarity:Belongs to the calcitonin family.,</u> |
| Subcellular Location : | <u>Secreted .</u> |
| Tag : | <u>orthogonal</u> |
| Sort : | <u>2002</u> |
| No4 : | <u>1</u> |
| Host : | <u>Rabbit</u> |
| Modifications : | <u>Unmodified</u> |

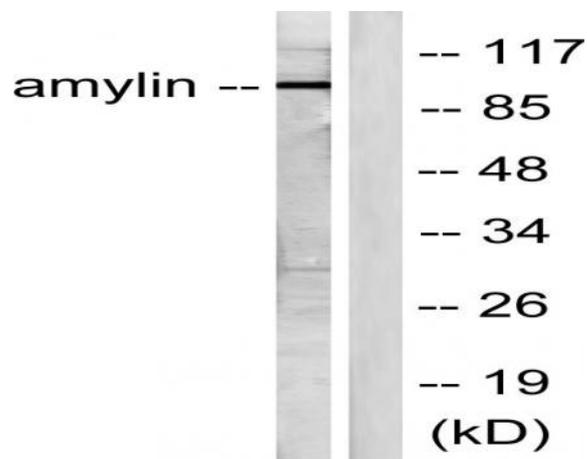
Products Images



Western Blot analysis of various cells using Amylin Polyclonal Antibody diluted at 1:1000



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



Western blot analysis of lysates from HeLa cells, treated with EGF 200ng/ml 30', using Amylin Antibody. The lane on the right is blocked with the synthesized peptide.