

Amylin antibody [R10/99]

Catalog No.:	15-288-20087F
Quantity:	0.1 mg
Concentration:	Tissue Culture Supernatant
Background:	Islet, or insulinoma, amyloid polypeptide is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring an insulinoma. While the association of amylin with the development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Recent results suggest that amylin, like the related beta-amyloid (Abeta) associated with Alzheimer's disease, can induce apoptotic cell-death in particular cultured cells, an effect that may be relevant to the development of type II diabetes.
Host / Isotype:	Chicken
Immunogen:	Synthetic peptide: CATQRLANFLV coupled to tuberculin. (Human).
Format:	Purification: Tissue culture supernatant Buffer System: Preservative: 0.09% Sodium Azide; Constituents: Tissue Culture Supernatant
Applications:	IHC-Fr, IHC-P Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Cross-reacts with Human. Expected to cross-react with Mouse (100% identity with immunogen), Rat (100% identity with immunogen), Cat (90% identity with immunogen), Chicken (90% identity with immunogen), Dog (100% identity with immunogen), Guinea pig (90% identity with immunogen), Rabbit (90% identity with immunogen) and Chinese Hamster (100% identity with immunogen) due to sequence homology. Not yet tested in other species.
Storage:	Keep as concentrated solution. Store at 4

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com