



Anti-AMY1C polyclonal antibody (CPBT-67327SH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep anti Human amylase (salivary) antibody recognizes salivary amylase, formally known as ptyalin, an alpha-amylase digestive enzyme and member of the glycosyl hydrolase 13 family, which breaks down insoluble starch into soluble starches (dextrins) and maltose. Sheep anti Human Amylase (Salivary) antibody also recognizes porcine amylase (50%) and weakly fungal (<i>Aspergillus</i> spp.) amylase (10%).
Specificity	AMY1C
Immunogen	Highly pure human salivary amylase.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human, Fungi, Pig
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	AMY1C amylase, alpha 1C (salivary) [Homo sapiens (human)]
Official Symbol	AMY1C
Synonyms	AMY1C; amylase, alpha 1C (salivary); AMY1; alpha-amylase 1; glycogenase; salivary alpha-amylase; salivary amylase alpha 1C; amylase, salivary, alpha-1C; 1,4-alpha-D-glucan glucanohydrolase 1;
Entrez Gene ID	278
Protein Refseq	NP_001008220
UniProt ID	P04745
Chromosome Location	1p21
Pathway	Carbohydrate digestion and absorption; Digestion of dietary carbohydrate; Disease; Glycogen storage diseases; Metabolic pathways; Metabolism; Metabolism of carbohydrates; Myoclonic epilepsy of Lafora;
Function	alpha-amylase activity; metal ion binding; protein binding;