



Anti-CAT (native protein) polyclonal antibody (CPBT-67292SB)

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

PRODUCT INFORMATION

Product Overview	This product recognises bovine catalase, an enzyme that functions in the decomposition of hydrogen peroxide into water and oxygen.
Specificity	CAT
Immunogen	Native catalase from bovine liver
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Bovine, Human
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA
Format	Purified Ig - 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 [CAT catalase \[Bos taurus \(cattle\) \]](#)

Official Symbol	CAT
Synonyms	CAT; catalase;
Entrez Gene ID	531682
Protein Refseq	NP_001030463
UniProt ID	P00432
Chromosome Location	chromosome: 15
Pathway	Amyotrophic lateral sclerosis (ALS); Cellular responses to stress; Detoxification of Reactive Oxygen Species; Folic Acid Network; FoxO signaling pathway; Glyoxylate and dicarboxylate metabolism; Metabolism; Metabolism of nucleotides;
Function	NADP binding; aminoacylase activity; catalase activity; enzyme binding; heme binding; metal ion binding; protein homodimerization activity; receptor binding;