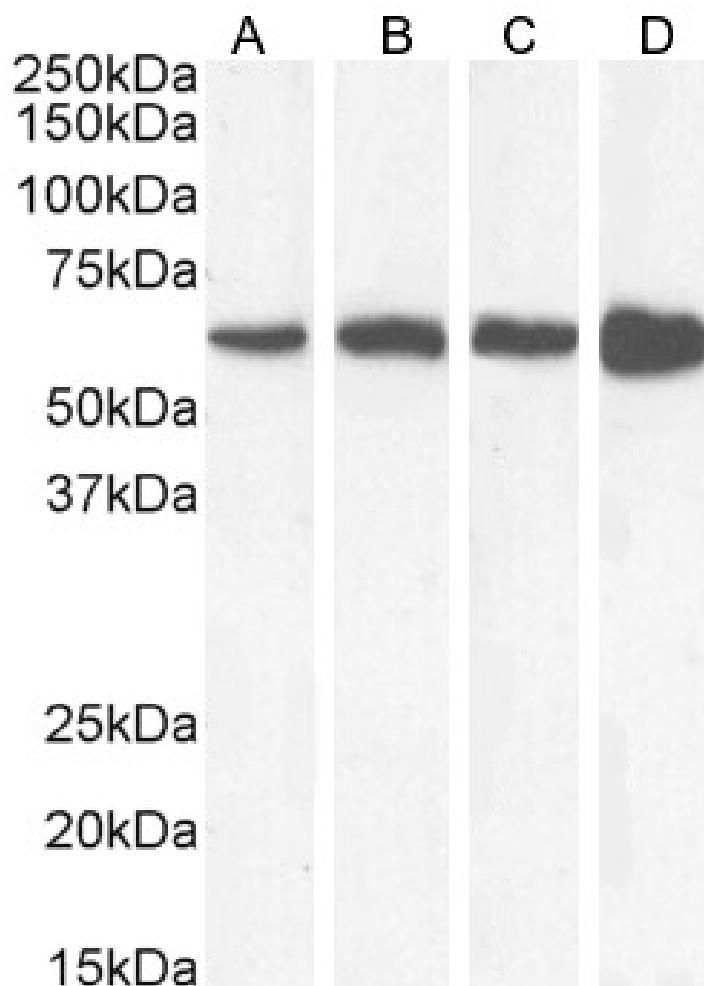


GOAT ANTI-CATALASE / CAT ANTIBODY

SKU: EB07282



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions

Synonym /	
Alias	MGC138424 MGC138422 HGNC:1516 catalase CAT
Names	
Accession ID	NP_001743.1
Blocking Peptide	EBP07282
Immunogen	Peptide with sequence C-DKYNAEKPKNIAHT, from the internal region of the protein sequence according to NP_001743.1.
Peptide Sequence	C-DKYNAEKPKNIAHT
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Dog
Reactive Species	Human, Mouse
Human Gene ID	847
Mouse Gene ID	12359
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Kidney. Recommended concentration: 4-6µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 60kDa band observed in Human and Mouse Kidney and Liver lysates (calculated MW of 59.8kDa according to Human NP_001743.1 and Mouse NP_033934.2). Recommended concentration: 0.003-0.01µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 27890722, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Mouse:**", "title": "Diabetes-induced hepatic oxidative stress: a new pathogenic role for glycated albumin.", "author": "Patche J, Girard D, Catan A, Boyer F, Dobi A, Planesse C, Diotel N, Guerin-Dubourg A, Baret P, Bravo SB, Paradela-Dobarro B, Álvarez E, Essop MF, Meilhac O, Bourdon E, Rondeau P.", "journal": "Free Radic Biol Med. 2017 Jan;102:133-148."}, {"pmid": 28543688, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Mouse:**", "title": "Glycated human albumin alters mitochondrial respiration in preadipocyte 3T3-L1 cells.", "author": "Baret P, Le Sage F, Planesse C, Meilhac O, Devin A, Bourdon E, Rondeau P", "journal": "Biofactors. 2017 Jul"}]

8;43(4):577-592."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

