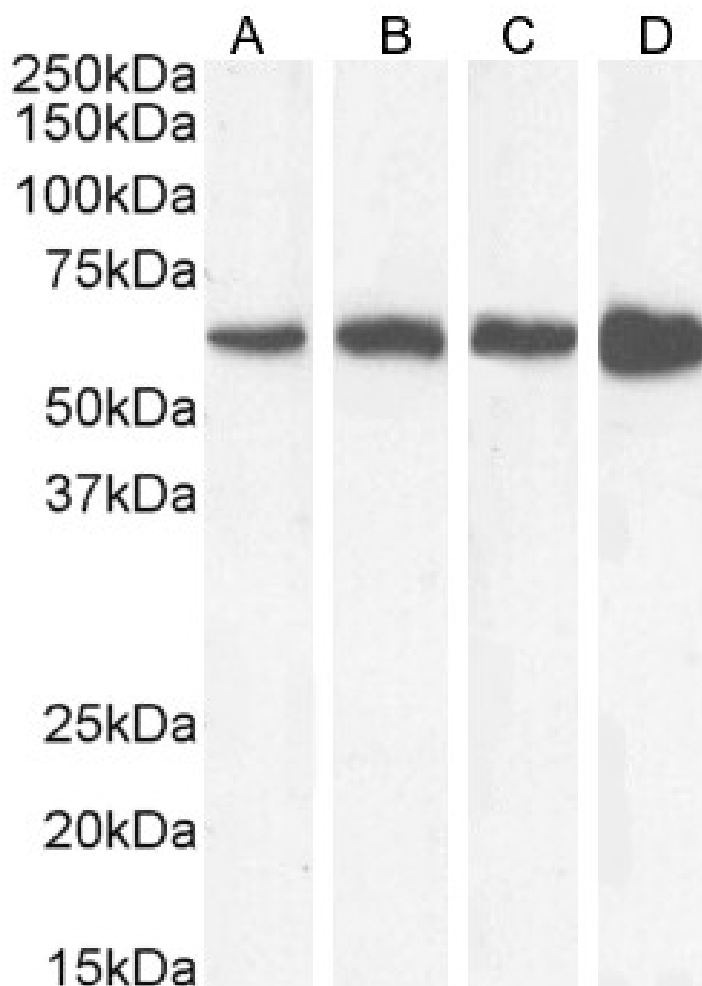


GOAT ANTI-CATALASE / CAT ANTIBODY

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

Synonym /

Alias MGC138424|MGC138422|HGNC:1516|catalase|CAT

Names

Accession

ID NP_001743.1

Blocking

Peptide EBP07282

Immunogen

Peptide with sequence C-DKYNAEKPKNAIHT, from the internal region of the protein sequence according to NP_001743.1.

Peptide

Sequence C-DKYNAEKPKNAIHT

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

