

Product Datasheet

Cystathionase Antibody - BSA Free NBP1-52849

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-52849

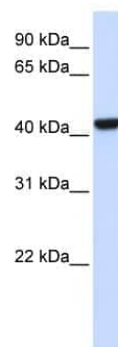
Cystathionase Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	44 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	1491
Gene Symbol	CTH
Species	Human, Mouse, Rat
Reactivity Notes	Rat and Mouse reactivity reported in scientific literature (PMID: 25900831). Rat reactivity reported in scientific literature (PMID: 27531649).
Immunogen	Synthetic peptides corresponding to CTH(cystathionase (cystathionine gamma-lyase)) The peptide sequence was selected from the N terminal of human CTH. Peptide sequence VPPISLSTTFKQGAPGQHSGFEYSRSGNPTRNCLEKAVAALDGAKYCLAF. The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunoprecipitation
Application Notes	Use in Immunoprecipitation reported in scientific literature (PMID 25900831).

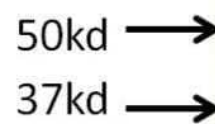


Images

Western Blot: Cystathionase Antibody [NBP1-52849] - Transfected 293T cell lysate, concentration 0.2-1 ug/ml.



Western Blot: Cystathionase Antibody [NBP1-52849] - CSE expression in wild type HEK293 cell (lane 1) or CSE overexpressed HEK293 (lane 2) whole cell lysate. Image from verified customer review.



Publications

Angulo J, Fernandez A, Sevilleja-Ortiz A et al. Upregulation of Orai Channels Contributes to Aging-Related Vascular Alterations in Rat Coronary Arteries International Journal of Molecular Sciences 2023-08-29 [PMID: 37686206] (Western Blot)

Browe BM, Peng YJ, Nanduri J et al. Gasotransmitter modulation of hypoglossal motoneuron activity eLife 2023-01-19 [PMID: 36656752] (Immunohistochemistry, Immunohistochemistry-Frozen)

El Assar M, Garcla-Rojó E, Sevilleja-Ortiz A Et al. Functional Role of STIM-1 and Orai1 in Human Microvascular Aging Cells 2022-11-26 [PMID: 36429103] (WB, IF/IHC, Human)

Details:

Citation using the HRP version of this antibody.

Sevilleja-Ortiz A, El Assar M, Garcla-Rojó E Et al. Ageing-induced hypercontractility is related to functional enhancement of STIM/Orai and upregulation of Orai 3 in rat and human penile tissue Mech Ageing Dev 2021-10-26 [PMID: 34699858] (WB, Rat, Human)

Details:

Citation using the HRP version of this antibody.

La Fuente JM, Sevilleja-Ortiz A, Garcia-Rojó E et al. Erectile dysfunction is associated with defective L-cysteine/hydrogen sulfide pathway in human corpus cavernosum and penile arteries Eur. J. Pharmacol. 2020-07-23 [PMID: 32712093] (WB, Human)

Details:

Citation using the HRP format of this antibody.

Yuan G, Peng YJ, Khan SA et al. H₂S production by reactive oxygen species in the carotid body triggers hypertension in a rodent model of sleep apnea Sci Signal 2016-08-16 [PMID: 27531649] (WB, Rat)

Yuan G, Vasavda C, Peng YJ et al. Protein kinase G-regulated production of H₂S governs oxygen sensing. Sci Signal. 2015-04-22 [PMID: 25900831] (WB, IP, Mouse, Rat)

Madden JA, Ahlf SB, Dantuma MW, Olson KR, Roerig DL. Precursors and inhibitors of hydrogen sulfide synthesis affect acute hypoxic pulmonary vasoconstriction in the intact lung. J Appl Physiol;112(3):411-8. 2012-02-01 [PMID: 22074719]





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Products Related to NBP1-52849

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-78832-100ug	Recombinant Human Cystathionase His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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