

Angiotensinogen Antibody

Subcategory: Mouse Polyclonal Antibody

Cat. No.: 250551

Unit: 0.1 mg

Description:

Angiotensinogen is the precursor of angiotensin-1 upon cleavage by renin in response to lowered blood pressure. Angiotensin-converting enzyme (ACE) then removes a dipeptide to yield the physiologically active peptide angiotensin-2, the most potent pressor substance known, which helps regulate volume and mineral balance of body fluids.

Isotype: Mouse Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

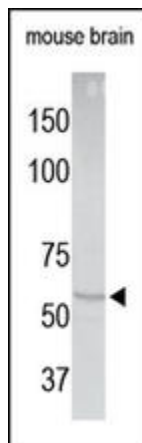
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Angiotensinogen; serpin A8; AGT; SERPINA8

Accession No.: P01019

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Angiotensinogen.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



The Angiotensinogen Antibody (Cat. No. 250551) is used in Western blot to detect angiotensinogen in mouse brain lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Zhang M et al. 2011. JCI. 121(7):2845-2854. PMID# 21701066. [2] Yang S et al. 2011. Am J Physiol Renal Physiol 302(6):F742-749. PMID# 22169008. [3] Mateos L et al. J Biol Chem. 2011. 286(29): 25574-85. PMID# 21628469. [4] Mateos L et al. Journal of Alzheimer's Disease. 2011. 24(4): 669-679. PMID# 21297254. [5] Kang J et al. 2010. Arch Oral Biol. 55(1): 7-14. PMID# 20003962. [6] Ko G-J et al 2010. Am J Physiol Renal Physiol. 302 F742-F749. PMID# 20181666.

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