

AGT Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4379
Host	Mouse
Isotype	Mouse IgG2b
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human AGT expressed in E. Coli.
Mol wt	53kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	ANHU

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

AGT, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. The protein is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease.

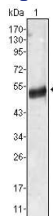
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using AGT mouse mAb against human plasma (1).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.