

## 10-6590: Mouse Monoclonal Antibody to AGT (N-term)(Clone: 656CT5.8.4)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	656CT5.8.4
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	AGT
<b>Gene ID :</b>	183
<b>Uniprot ID :</b>	P01019
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Angiotensinogen, Serpin A8, Angiotensin-1, Angiotensin 1-10, Angiotensin I, Ang I, Angiotensin-2, Angiotensin 1-8, Angiotensin II, Ang II, Angiotensin-3, Angiotensin 2-8, Angiotensin III, Ang III, Des-Asp[1]-angiotensin II, Angiotensin-4, Angiotensin 3-8, Angiotensin IV, Ang IV, Angiotensin 1-9, Angiotensin 1-7, Angiotensin 1-5, Angiotensin 1-4, AGT, SERPINA8
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

The protein encoded by this gene, 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.

### Product Info

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:100~1000

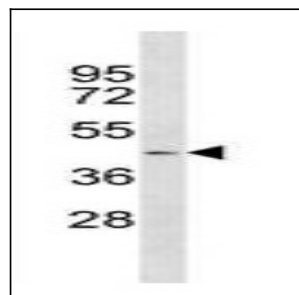


Figure 1: Western blot analysis of AGT Antibody (10-6590) in CEM cell line lysates (35 µg/lane). This demonstrates the AGT antibody detected the AGT protein.