

Datasheet

AGT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog Number: H00000183-D01P

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human AGT protein.

Immunogen: AGT (AAH11519.1, 1 a.a. ~ 485 a.a) full-length human protein.

Sequence:

MRKRAPQSEMAPAGVSLRATILCLLAWAGLAAGDRVY
IHPFHLVIHNESTCEQLAKANAGKPKDPTFIPAPIQAKT
SPVDEKALQDQLVLVAAKLDTEKDLRAAMVGMLANFL
GFRIYGMHSELWGVVHGATVLSPTAVFGTLASLYLGA
LDHTADRLQAILGVPWKDKNCTSRDLAHKVLSALQAV
QGLLVAQGRADSQAQLLLSTVVGFTAPGLHLKQPFV
QGLALYTPVVLPRSLDFTELDVAAEKIDRFMQAVTGW
KTGCSLTGASVDSTLAFNTYVHFQGMKGFSLLAEPQ
EFWVDNSTSVSPMLSGMGTFQHWSDIQDNFSVTQV
SFTESACLLLIQPHYASDLKVEGLTFQQNSLNWMKKL
SPRTIHLTMPQLVLQGSYDLQDLAQAELPAILHTELNL
QKLSNDRIRVGEVLNSIFFELEADEREPTTESTQQLNKP
EVLEVTLNRPFLLFAVYDQSATALHFLGRVANPLSTA

Host: Rabbit

Reactivity: Human

Applications: WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 183

Gene Symbol: AGT

Gene Alias: ANHU, FLJ92595, FLJ97926, SERPINA8

Gene Summary: 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. [provided by RefSeq]