

# Anti-ACE (somatic isoform-2) [L10P4F3\*F9]

**Catalogue number:** 153472

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Ayham Alnabulsi

**Institute:** Vertebrate Antibodies Limited

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-ACE (somatic isoform-2) [L10P4F3\*F9]

**Alternate name:** ACE antibodyACE T antibodyACE\_HUMAN antibodyACE1 antibodyAngiotensin converting enzyme somatic isoform antibodyAngiotensin converting enzyme testis specific isoform antibodyAngiotensin-converting enzyme antibody

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Ace is an enzyme involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. Angiotensin II is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, and two most abundant spliced variants encode the somatic forms and the testicular form, respectively, that are equally active. This antibody is specific to ACE-somatic isoform 2 (P12821-2).

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Ovalbumin-conjugated synthetic peptide QFHPFSQHT (C-terminal sequence)

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** IHC - formalin-fixed, paraffin-embedded hepatocellular carcinoma sections

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Angiotensin Converting Enzyme, Somatic Isoform-2, (P12821-2)

**Target alternate names:**

**Target background:** Ace is an enzyme involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. Angiotensin II is a potent vasopressor and aldosterone-stimulating peptide that controls blood pressure and fluid-electrolyte balance. This enzyme plays a key role in the renin-angiotensin system. Multiple alternatively spliced transcript variants encoding different isoforms have been identified, and two most abundant spliced variants encode the somatic forms and the testicular form, respectively, that are equally active. This antibody is specific to ACE-somatic isoform 2 (P12821-2).

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IHC

**Application notes:**

## Handling

**Format:** Liquid  
**Concentration:**  
**Passage number:**  
**Growth medium:**  
**Temperature:**  
**Atmosphere:**  
**Volume:**  
**Storage medium:**  
**Storage buffer:**  
**Storage conditions:**  
**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:**

CancerTools.org