

Product datasheet

Anti-Angiotensin I antibody ab8051

Overview

Product name	Anti-Angiotensin I antibody
Description	Rabbit polyclonal to Angiotensin I
Host species	Rabbit
Specificity	Specificity of the antisera is confirmed by its ability to bind and precipitate labeled angiotensin I and to be adsorbed by angiotensin. Native angiotensin competes with such binding, while human whole plasma or plasma proteins do not. The antiserum also reacts with angiotensin II (Reactivity in competitive ELISA was shown : 80% to Angiotensin II; 100% to Angiotensin I)
Tested applications	Suitable for: ELISA Unsuitable for: IHC
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Dog 
Immunogen	Synthetic peptide: DRVYIHPFHL conjugated to BSA by a CDI linker, corresponding to N terminal amino acids 34-43 of Human Angiotensin I. Run BLAST with Run BLAST with
General notes	The enzyme renin cleaves angiotensinogen to produce an inactive prohormone, angiotensin I; the latter is transformed to the active molecule angiotensin II by another enzyme, angiotensin-converting enzyme

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Purity	Whole antiserum
Purification notes	Pooled antisera are passed over DEAE-cellulose to produce IgG-enriched fraction, which is further subjected to absorption with immobilized human albumin and immunoglobuline fractions in order to remove non-specific antibodies.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab8051** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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ELISA

Application notes

ELISA: Use at an assay dependent dilution.

Is unsuitable for IHC.

Not yet tested in other applications.

A starting dilution of 1/100 is recommended. Please note that optimal dilutions/concentrations should be determined by the end user.

Target

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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