

Datasheet: AHP888

BATCH NUMBER 156828

Description:	RABBIT ANTI HUMAN ACE2 (N-TERMINAL)
Specificity:	ACE2 (N-TERMINAL)
Other names:	ANGIOTENSIN I CONVERTING ENZYME 2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.

Target Species	Human
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antisera to human ACE2 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.02% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Synthetic peptide corresponding to a sequence within the amino terminus of human ACE2.
External Database Links	<p>UniProt: Q9BYF1 Related reagents</p> <p>Entrez Gene: 59272 ACE2 Related reagents</p>
RRID	AB_566362
Specificity	<p>Rabbit anti Human ACE2 antibody recognizes human Angiotensin-converting enzyme 2, also known as ACE2, ACE-related carboxypeptidase or Metalloprotease MPROT15. ACE2 is a 788 amino acid ~100 kDa carboxypeptidase expressed in a range of tissues including heart, kidney, testis and the gastrointestinal system.</p> <p>ACE2 is a homologue of ACE (Angiotensin-converting enzyme 1), although it has a distinct catalytic activity. ACE2 catalyzes the cleavage of active angiotensin II into angiotensin 1-7, which may counteract the effects of ACE by increasing vasodilatation.</p> <p>ACE2 serves as the cellular entry point for the severe acute respiratory syndrome (SARS) virus, functioning as a receptor for the SARS Spike protein (Turner et al. 2004).</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP888 10040
Regulatory	For research purposes only

Related Products

[Recommended Secondary Antibodies](#)

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M364354:200529'

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