

## Anti-ACE2 (K465) Antibody

Catalog Number: A00756-1

### About ACE2

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-ACE2 (K465) Antibody                                                                                                                  |
| Reactive Species     | Human, Mouse, Rat                                                                                                                          |
| Description          | Boster Bio Anti-ACE2 (K465) Antibody catalog # A00756-1. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.          |
| Application          | IHC                                                                                                                                        |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2                                                                     |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit                                                                                                                                     |
| Uniprot ID           | Q9BYF1                                                                                                                                     |

### Technical Details

|                            |                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Immunogen                  | The antiserum was produced against synthesized peptide derived from the N-terminal region of human CCR4 at amino acid range 1-50 |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster                                                                                             |
| Cross Reactivity           | No cross reactivity with other proteins.                                                                                         |
| Isotype                    | IgG                                                                                                                              |
| Form                       | Liquid                                                                                                                           |
| Concentration              | 1 mg/ml                                                                                                                          |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).                                                                                                                                                                                                                                                                        |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>IHC: 1:50-1:200</p> |

## Anti-ACE2 (K465) Antibody (A00756-1) Images

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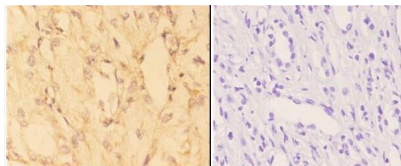


Figure 1. Immunohistochemistry validation of ACE2 using Anti-ACE2 (K465) Antibody (A00756-1).

Immunohistochemistry (IHC) analyzes of ACE2 (K465) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50

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