

## Anti-BRAF V600E Antibody(C-Term)

Catalog Number: M00075-4

### About BRAF

Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.

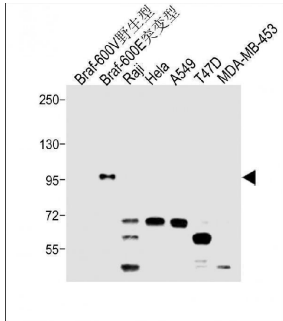
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-BRAF V600E Antibody(C-Term)   |
| Reactive Species     | Human  |
| Description          | Boster Bio Anti-BRAF V600E Antibody(C-Term) (Catalog # M00075-4). Tested in WB, IHC-P application(s). This antibody reacts with Human.   |
| Application          | IHC-P, WB  |
| Clonality            | Polyclonal   |
| Formulation          | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.  |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host                 | Rabbit   |
| Uniprot ID           | P15056   |

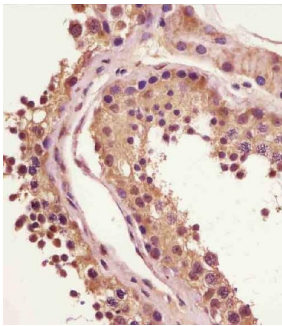
### Technical Details

|                            |  |
|----------------------------|--|
| Immunogen                  | This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 576-606 amino acids from human. |
| Predicted Reactive Species | Bovine, Chicken, Mouse, Rat  |
| Isotype                    | Rabbit IgG   |
| Purification               | This antibody is purified through a protein A column, followed by peptide affinity purification.                                   |
| Suggested Dilutions        | WB: 1:2000<br>IHC-P: 1:25  |

## Anti-BRAF V600E Antibody(C-Term) (M00075-4) Images



All lanes : Anti-BRAF Antibody (C-term) at 1:2000 dilution  
Lane 1: Braf-600V -wild type  
Lane 2: Braf-600E -mutation  
Lane 3: Raji whole cell lysate  
Lane 4: HeLa whole cell lysate  
Lane 5: A549 whole cell lysate  
Lane 6: T47D whole cell lysate  
Lane 7: MDA-MB-453 whole cell lysate  
Lysates/proteins at 10 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 84 kDa  
Blocking/Dilution buffer: 5% NFDN/TBST.



M00075-4 staining BRAF in human testis tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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