

## Anti-BHLHE41 Antibody

Catalog Number: A04668-3

### About BHLHE41

BHLHE41 (basic helix-loop-helix family member e41), also called SHARP1 and DEC2, is a member of the BHLH family proteins that are involved in differentiation, circadian rhythms and the response to hypoxia. In esophageal, osteosarcomas, prostate, breast, and endometrial cancer cells, BHLHE41 functions as an anti-apoptotic factor and promotes cell proliferation and invasiveness. It suppresses cell proliferation and metastasis, and also facilitates pancreatic as well as gastric cancer cell apoptosis. BHLHE41 has an important role in the proliferation of glioblastoma and could serve as a novel candidate for targeted therapy of glioblastoma (PMID: 31616182).

### Overview

Product Name	Anti-BHLHE41 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BHLHE41 Antibody catalog # A04668-3. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9C0J9

### Technical Details

Immunogen	E.coli-derived human BHLHE41 recombinant protein (Position: E3-P350).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

ELISA, 1:100-1000

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