

## Anti-HP1BP3 Antibody

Catalog Number: A06477-1

### About HP1BP3

Heterochromatin protein 1 binding protein 3 (HP1BP3) associates with chromatin throughout the cell cycle and is required to maintain higher order chromatin structure during metaphase. HP1BP3 as a novel modulator of cognitive aging using a genetically diverse population of mice and confirm that HP1BP3 protein levels are significantly reduced in the hippocampi of cognitively impaired elderly humans relative to cognitively intact controls. Double-band staining is typical of HP1BP3 expression, indicative of multiple splice variants present in brain tissue.

### Overview

Product Name	Anti-HP1BP3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-HP1BP3 Antibody catalog # A06477-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, 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 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5SSJ5

### Technical Details

Immunogen	E.coli-derived human HP1BP3 recombinant protein (Position: S3-P300).
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 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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