

## Anti-CHD8 Antibody (Monoclonal, 33C75)

Catalog Number: M01346

### About CHD8

Chromodomain-helicase-DNA-binding protein 8 is an enzyme that in humans is encoded by the CHD8 gene. This gene encodes a member of the chromodomain-helicase-DNA binding protein family, which is characterized by a SNF2-like domain and two chromatin organization modifier domains. The encoded protein also contains brahma and kismet domains, which are common to the subfamily of chromodomain-helicase-DNA binding proteins to which this protein belongs. This gene has been shown to function in several processes that include transcriptional regulation, epigenetic remodeling, promotion of cell proliferation, and regulation of RNA synthesis. Allelic variants of this gene are associated with autism spectrum disorder. Alternative splicing results in multiple transcript variants.

### Overview

Product Name	Anti-CHD8 Antibody (Monoclonal, 33C75)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CHD8 Antibody (Monoclonal, 33C75) catalog # M01346. Tested in WB, IHC, ICC/IF, IP, ChIP applications. This antibody reacts with Human, Mouse, Rat.
Application	ChIP, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 33C75
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide 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	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	Q9HCK8

### Technical Details

Immunogen	Recombinant protein within human CHD8 aa 323-568.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200  
ImmunoPrecipitation, 1:50

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For Research Use Only. Not for use in diagnostic procedures.