

## Recombinant BCOR Antibody

Rabbit Monoclonal Antibody [Clone BCOR/13087R]

Catalog No	Format	Size
54880-RBM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
54880-RBM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
54880-RBM5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

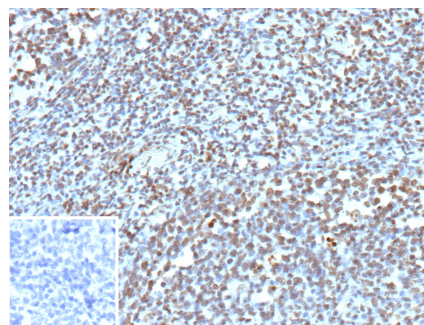
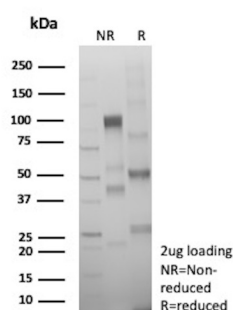
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

<b>Clone</b>	BCOR/13087R
<b>Gene Name</b>	BCOR
<b>Immunogen</b>	Recombinant fragment (around aa 100-400) of human BCOR protein (exact sequence is proprietary)
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	192kDa
<b>Cellular Localization</b>	Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Ubiquitously expressed. Brain.

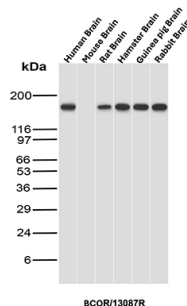
\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant BCOR Antibody

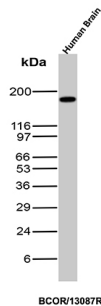


SDS-PAGE Analysis of Purified BCOR Recombinant Rabbit Monoclonal Antibody (BCOR/13087R). Confirmation of Purity and Integrity of Antibody.

Formalin-fixed, paraffin-embedded human tonsil stained with BCOR Recombinant Rabbit Monoclonal Antibody (BCOR/13087R). Inset: PBS instead of primary antibody; secondary only negative control.



Western Blot Analysis of brain tissue lysates of different species using BCOR Recombinant Rabbit Monoclonal Antibody (BCOR/13087R).



Western Blot Analysis of human brain tissue lysate using BCOR Recombinant Rabbit Monoclonal Antibody (BCOR/13087R).

## Specificity & Comments

Bcl-6, a transcriptional repressor, can promote or inhibit apoptosis depending on the cell type and also plays an important role in normal immune responses. Bcl-6 negatively regulates NFkB expression, thereby inhibiting NFkB-mediated cellular functions and is frequently found to be deregulated in non-Hodgkin's lymphoma. BCoR (Bcl-6 corepressor) is a 1,755 amino acid protein that associates with histone deacetylases (HDACs) to transcriptionally repress Bcl-6. With ubiquitous expression, BCoR is localized to the nucleus where it interacts with other proteins through its three ANK repeat domains. Mutations in the gene encoding BCoR result in microphthalmia with associated anomalies 2, also known as anophthalmia, which is characterized by variable features, such as renal aplasia, mental retardation, hyospiadias, microencephaly and cryptorchidism. There are four isoforms of BCoR which are produced as a result of alternative splicing events.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

## Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Research Areas

Epigenetics