

# Product Datasheet

## BCAS2 Antibody - BSA Free

### NB110-40681

Unit Size: 100 ul

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB110-40681**

BCAS2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

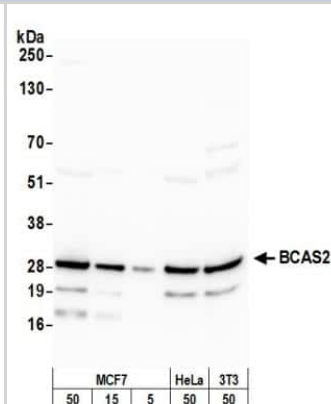
Product Description	
Host	Rabbit
Gene ID	10286
Gene Symbol	BCAS2
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 175 and the C-terminus (residue 225) of human Breast Cancer Amplified Sequence 2 using the numbering given in entry NP_005863.1 (GeneID 10286).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000-1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

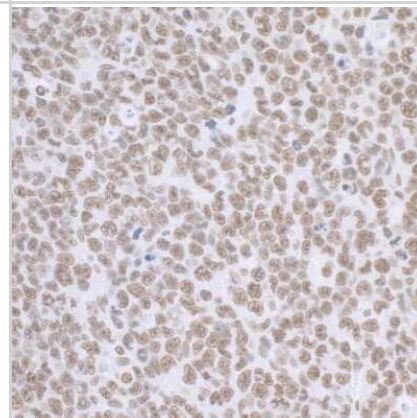


## Images

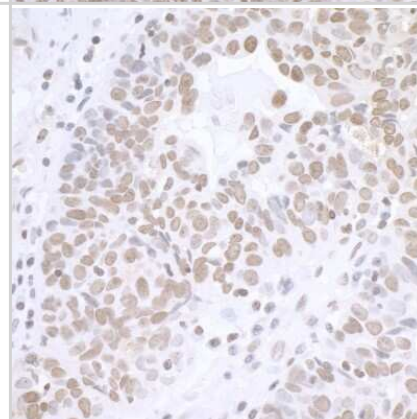
**Western Blot: BCAS2 Antibody [NB110-40681] - Detection of Human and Mouse BCAS2 by Western Blot.** Samples: Whole cell lysate from MCF7 (5, 15 and 50 ug), and HeLa (50ug), and mouse NIH3T3 (50ug) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BCAS2 antibody NB110-40681 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



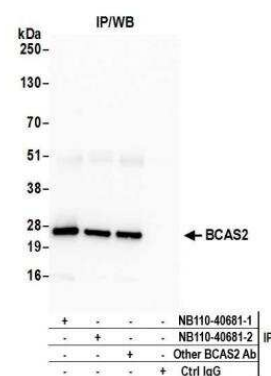
**Immunohistochemistry-Paraffin: BCAS2 Antibody [NB110-40681] - Mouse plasmacytoma.** Antibody: Affinity purified rabbit anti-BCAS2 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB.



**Immunohistochemistry-Paraffin: BCAS2 Antibody [NB110-40681] - Human ovarian carcinoma.** Antibody: Affinity purified rabbit anti-BCAS2 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB.



**Immunoprecipitation: BCAS2 Antibody [NB110-40681] - Detection of human BCAS2 by western blot of immunoprecipitates.** Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from MCF-7 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BCAS2 antibody NB110-40681 (lot NB110-40681-2) used for IP at 6 ug per reaction. BCAS2 was also immunoprecipitated by a previous lot of this antibody (lot NB110-40681-1) and another rabbit anti-BCAS2 antibody. For blotting immunoprecipitated BCAS2, NB110-40681 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



## Publications

Goulielmaki E, Tsekrekou M, Batsiotos N et al. The Splicing Factor XAB2 interacts with ERCC1-XPF and XPG for RNA-loop processing during mammalian development Nat Commun 2021-05-27 [PMID: 34039990]

Chang SW, Su CH, Chen HH et al. DDB2 is a novel AR interacting protein and mediates AR ubiquitination/degradation. Int J Biochem Cell Biol 2012-11-01 [PMID: 22846800]

David CJ, Boyne AR, Millhouse SR et al. The RNA polymerase II C-terminal domain promotes splicing activation through recruitment of a U2AF65-Prp19 complex. Genes Dev 2011-05-01 [PMID: 21536736]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB110-40681**

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NBL1-07937	BCAS2 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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