

# Product Datasheet

## p130Cas/BCAR1 Antibody (OT1A9) NBP2-00532

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-00532**

p130Cas/BCAR1 Antibody (OT11A9)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.53 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OT11A9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	93.2 kDa

**Product Description**

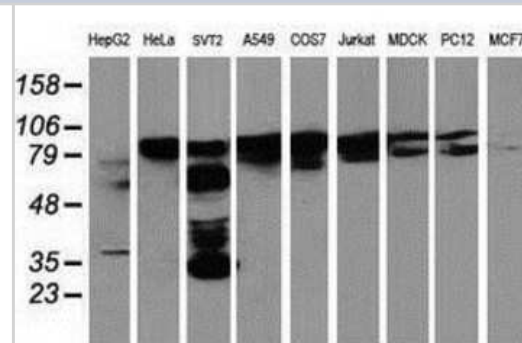
<b>Host</b>	Mouse
<b>Gene ID</b>	9564
<b>Gene Symbol</b>	BCAR1
<b>Species</b>	Human, Mouse, Rat, Canine, Monkey
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human BCAR1 (NP_055382) produced in HEK293T cell.

**Product Application Details**

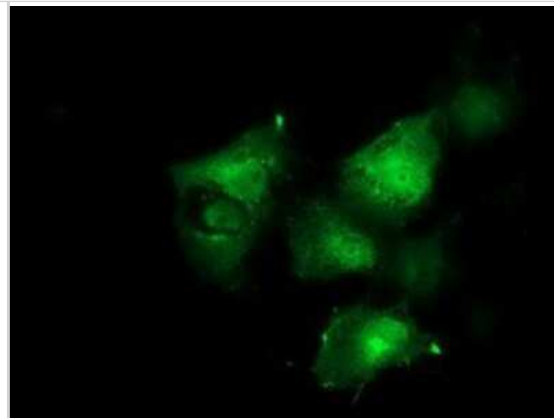
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

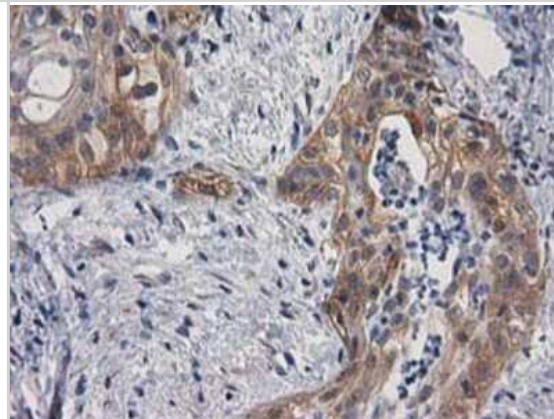
Western Blot: BCAR1 Antibody (1A9) [NBP2-00532] Analysis of extracts (35ug) from 9 different cell lines by using anti-BCAR1 monoclonal antibody.



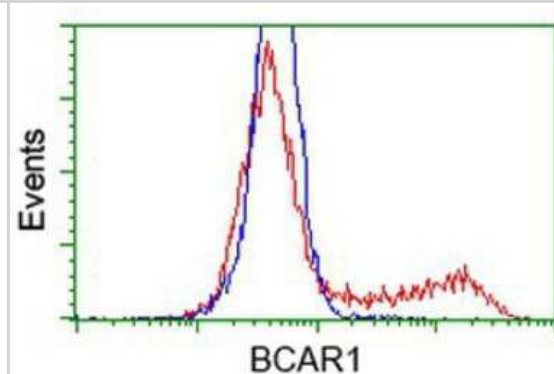
Immunocytochemistry/Immunofluorescence: BCAR1 Antibody (1A9) [NBP2-00532] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY BCAR1.



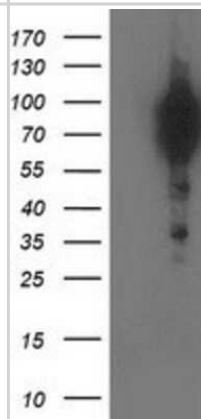
Immunohistochemistry-Paraffin: BCAR1 Antibody (1A9) [NBP2-00532] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-BCAR1 mouse monoclonal antibody.



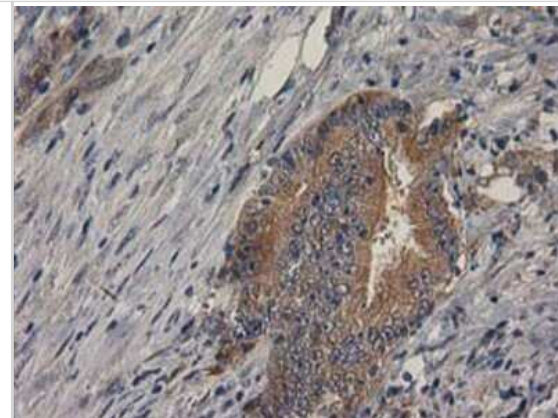
Flow Cytometry: BCAR1 Antibody (1A9) [NBP2-00532] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-BCAR1 antibody, and then analyzed by flow cytometry.



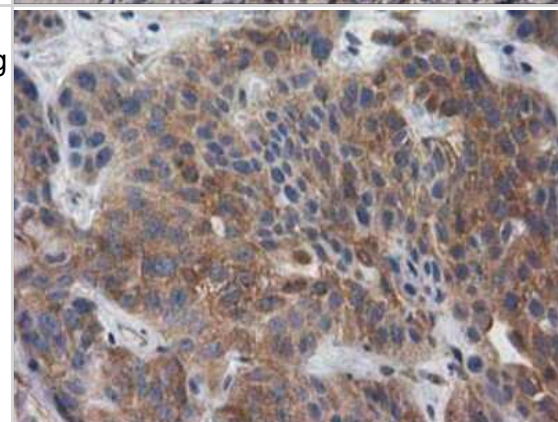
Western Blot: BCAR1 Antibody (1A9) [NBP2-00532] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BCAR1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BCAR1.



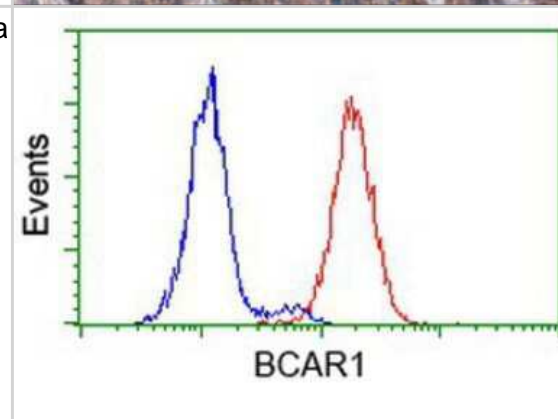
Immunohistochemistry-Paraffin: BCAR1 Antibody (1A9) [NBP2-00532] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BCAR1 mouse monoclonal antibody.



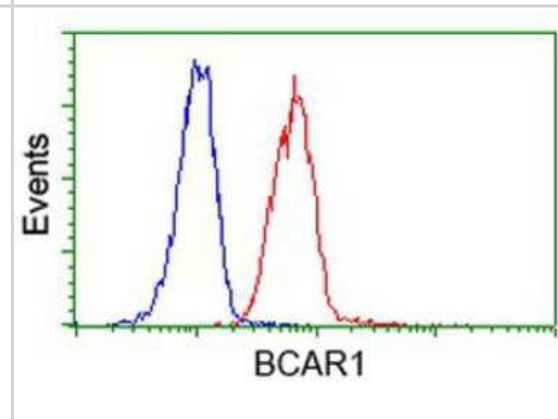
Immunohistochemistry-Paraffin: BCAR1 Antibody (1A9) [NBP2-00532] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-BCAR1 mouse monoclonal antibody.



Flow Cytometry: BCAR1 Antibody (1A9) [NBP2-00532] - Analysis of Hela cells, using anti-BCAR1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: BCAR1 Antibody (1A9) [NBP2-00532] - Analysis of Jurkat cells, using anti-BCAR1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Helaina R Stergas, Maeve Dillon-Martin, Caroline M Dumas, Nicole A Hansen, Francesca J Carasi-Schwartz, Alex R D'Amico, Kylie M Finnegan, Uatchet Juch, Keeley R Kane, Isabel E Kaplan, Madeline L Masengarb, Marina E Melero, Lauren E Meyer, Conrad R Sacher, Evan A Scriven, Alicia M Ebert, Bryan A Ballif CRK and NCK adaptors may functionally overlap in zebrafish neurodevelopment, as indicated by common binding partners and overlapping expression patterns. FEBS letters 2023-12-06 [PMID: 38058169]



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### Products Related to NBP2-00532

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51554-0.05mg	Recombinant Human p130Cas/BCAR1 His Protein

### 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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