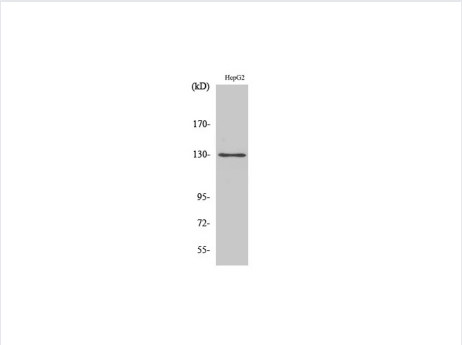
# p130 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | p130 Cas, Polyclonal Antibody |
| **Full Product Name** | p130 Cas Polyclonal Antibody |
| **Product Gene Name** | anti-p130 antibody |
| **Product Synonym Names** | BCAR1; CAS; CASS1; CRKAS; Breast cancer anti-estrogen resistance protein 1; CRK-associated substrate; Cas scaffolding protein family member 1; p130cas |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Purity/Purification** | Antigen Affinity Purified |
| **Concentration** | 1 mg/ml (lot specific) |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze / thaw cycles. |
| **Molecular Weight** | Calculated MW: 93<br>Observed MW: 130 |
| **OMIM** | 180203 |
| **Immunogen** | Synthesized peptide derived from human p130 Cas around the non-phosphorylation site of Y165. |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Product Categories/Family for anti-p130 antibody** | Epigenetics |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-p130 antibody** | Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA) |
| **Application Notes for anti-p130 antibody** | WB: 1:500-1:2000, IHC: 1:50-1:200, ELISA: 1:5000-1:20000 |
| **Related Product Information for anti-p130 antibody** | MBS2538092 is an antibody targeting p130. Also known as p130 Cas Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-p130 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-p130 antibody**
Western Blot analysis of various cells with p130 Cas Polyclonal Antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for p130. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 453132 |
| **NCBI GeneID** | 5934 |
| **NCBI Accession #** | AAB29227.1 |
| **UniProt Secondary Accession #** | Q15073; Q16084; Q8NE70; Q92812; B7Z913 |
| **UniProt Related Accession #** | Q08999 |
| **NCBI Official Full Name** | p130 |
| **NCBI Official Synonym Full Names** | retinoblastoma-like 2 |
| **NCBI Official Symbol** | RBL2 |
| **NCBI Official Synonym Symbols** | Rb2; P130 |
| **UniProt Protein Name** | Retinoblastoma-like protein 2 |
| **UniProt Synonym Protein Names** | 130 kDa retinoblastoma-associated protein; p130; Retinoblastoma-related protein 2; RBR-2; pRb2 |
| **UniProt Gene Name** | RBL2 |
| **UniProt Synonym Gene Names** | RB2; p130; RBR-2 |
| **UniProt Entry Name** | RBL2_HUMAN |
| **NCBI Protein Information** | retinoblastoma-like protein 2 |
| **UniProt Comments for p130** | Rb-like 2: Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor. Belongs to the retinoblastoma protein (RB) family.<br><br>Protein type: Tumor suppressor; Transcription, coactivator/corepressor<br><br>Chromosomal Location of Human Ortholog: 16q12.2<br><br>Cellular Component: cytoplasm; nucleolus; nucleoplasm; nucleus; transcription factor complex<br><br>Molecular Function: DNA binding; protein binding<br><br>Biological Process: chromatin modification; mitotic cell cycle; regulation of cell cycle; regulation of lipid kinase activity; regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent |

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| **Research Articles on p130** | **1.** TGF-beta induced RBL2 expression through down-regulating miR-93 in renal cancer cells |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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