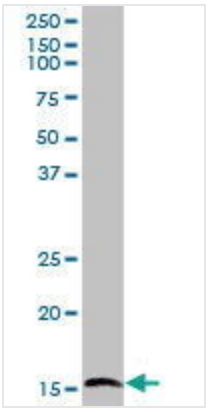
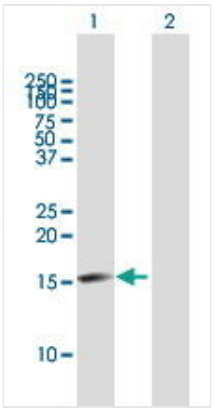
# GSKIP Antibody – Mouse Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | GSKIP, Polyclonal Antibody |
| **Full Product Name** | GSKIP (C14orf129, HSPC210, MGC4945) |
| **Product Gene Name** | anti-GSKIP antibody |
| **Product Synonym Names** | Anti -GSKIP (C14orf129, HSPC210, MGC4945) |
| **Immunogen Sequence** | METDCNPMEL SSMSGFEEGS ELNGFEGTDM KDMRLEAEAV VNDVLFAVNN MFVSKSLRCA DDVAYINVET KERNRYCLEL TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. |
| **Purity/Purification** | Affinity Purified<br>Purified by Protein A affinity chromatography. |
| **Specificity** | Recognizes human C14orf129. |
| **Preparation and Storage** | May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| **Molecular Weight** | 15,648 Da |
| **Chromosome Location** | Chromosome: 14; NC_000014.8 (96829789..96853627). Location: 14q32.2 |
| **3D Structure** | ModBase 3D Structure for Q9P0R6 |
| **Immunogen** | Full length human C14orf129, aa1-139 (NP_057556.2). |
| **Product Categories/Family for anti-GSKIP antibody** | Antibodies; Abs to Proteins |
| **Applications Tested/Suitable for anti-GSKIP antibody** | Western Blot (WB) |
| **Application Notes for anti-GSKIP antibody** | Suitable for use in Western Blot. |
| **Related Product Information for anti-GSKIP antibody** | MBS6012032 is an antibody targeting GSKIP. Also known as GSKIP (C14orf129, HSPC210, MGC4945). Reactive in Human. Host: Mouse. Interacts with GSK3B. |
| **Other Notes** | Small volumes of anti-GSKIP 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-GSKIP antibody**
C14orf129 polyclonal antibody. Western Blot analysis of C14orf129 expression in human colon.




**Western Blot (WB) of anti-GSKIP antibody**
Western Blot analysis of C14orf129 expression in transfected 293T cell line by C14orf129 polyclonal antibody. Lane 1: C14orf129 transfected lysate (15.29kD). Lane 2: Non-transfected lysate.

## ADDITIONAL DETAILS

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

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| **NCBI GI #** | 429535846 |
| **NCBI GeneID** | 51527 |
| **NCBI Accession #** | NP_001258835.1 |
| **UniProt Primary Accession #** | Q9P0R6 |
| **UniProt Secondary Accession #** | Q9BST1; Q9NWK0; B3KSZ0 |
| **UniProt Related Accession #** | Q9P0R6 |
| **GenBank Nucleotide #** | NM_001271906.1 |
| **NCBI Official Full Name** | GSK3-beta interaction protein |
| **NCBI Official Synonym Full Names** | GSK3B interacting protein |
| **NCBI Official Symbol** | GSKIP |
| **NCBI Official Synonym Symbols** | HSPC210; C14orf129 |
| **UniProt Protein Name** | GSK3-beta interaction protein |
| **Protein Family** | GSK3-beta interaction protein |
| **UniProt Gene Name** | GSKIP |
| **UniProt Synonym Gene Names** | C14orf129; GSKIP |
| **UniProt Entry Name** | GSKIP_HUMAN |
| **NCBI Protein Information** | GSK3-beta interaction protein |
| **NCBI Summary for GSKIP** | This gene encodes a protein that is involved as a negative regulator of GSK3-beta in the Wnt signaling pathway. The encoded protein may play a role in the retinoic acid signaling pathway by regulating the functional interactions between GSK3-beta, beta-catenin and cyclin D1, and it regulates the beta-catenin/N-cadherin pool. The encoded protein contains a GSK3-beta interacting domain (GID) in its C-terminus, which is similar to the GID of Axin. The protein also contains an evolutionarily conserved RII-binding domain, which facilitates binding with protein kinase-A and GSK3-beta, enabling its role as an A-kinase anchoring protein. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012] |

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| **UniProt Comments for GSKIP** | 4933433P14Rik: Belongs to the UPF0279 family.<br><br>Chromosomal Location of Human Ortholog: 14q32.2<br><br>Cellular Component: cytoplasm |
| **Research Articles on GSKIP** | **1.** analysis of the GSK3beta-GSKIPtide complex structure and the X-ray crystal structures of GSK3beta-FRATide and GSK3beta-AxinGID complexes suggests that the hydroxyl group of Y288 is crucial to maintaining a hydrogen bond network in GSK3beta-FRATide |
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