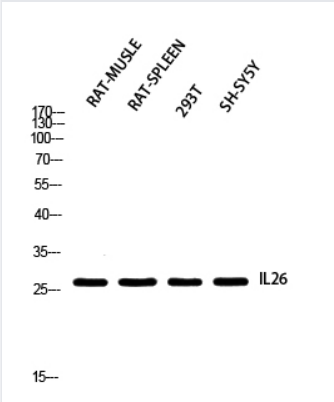
# IL-26 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | IL-26, Polyclonal Antibody |
| **Full Product Name** | IL-26 Rabbit Polyclonal Antibody |
| **Product Gene Name** | anti-IL-26 antibody |
| **Product Synonym Gene Name** | IL26 |
| **Product Synonym Names** | IL26; AK155; Interleukin-26; IL-26; Protein AK155; BH6842; Interleukin-26 |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Rat, Mouse |
| **Form/Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Purity/Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration** | 1mg/ml (lot specific) |
| **Specificity** | IL-26 Polyclonal Antibody detects endogenous levels of IL-26 protein. |
| **Preparation and Storage** | Store at -20 degree C/1 year |
| **Molecular Weight** | 19,843 Da |
| **3D Structure** | ModBase 3D Structure for Q9NPH9 |
| **Immunogen** | Synthesized peptide derived from Interleukin-26 at AA range: 21-70 |
| **Modification** | Unmodified/Total |
| **Applications Tested/Suitable for anti-IL-26 antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-IL-26 antibody** | WB: 1/500-1/2000<br>ELISA: 1/10000 |
| **Related Product Information for anti-IL-26 antibody** | This gene was identified by its overexpression specifically in herpesvirus samimiri-transformed T cells. The encoded protein is a member of the IL10 family of cytokines. It is a secreted protein and may function as a homodimer. This protein is thought to contribute to the transformed phenotype of T cells after infection by herpesvirus samimiri. [provided by RefSeq, Jul 2008] |
| **Other Notes** | Small volumes of anti-IL-26 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. |
| **Searchable Terms for IL-26 purchase** | MBS9512603 is an antibody targeting IL-26. Also known as IL-26 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit. |




**Western Blot (WB) of anti-IL-26 antibody**
Western blot analysis of RAT-MUSLE RAT-SPLEEN 293T SH-SY5Y using IL26 antibody.
Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-26. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 8923756 |
| **NCBI GeneID** | 55801 |
| **NCBI Accession #** | NP_060872.1 |
| **UniProt Primary Accession #** | Q9NPH9 |
| **UniProt Related Accession #** | Q9NPH9 |
| **GenBank Nucleotide #** | NM_018402.1 |
| **NCBI Official Full Name** | interleukin-26 |
| **NCBI Official Synonym Full Names** | interleukin 26 |
| **NCBI Official Symbol** | IL26 |
| **NCBI Official Synonym Symbols** | AK155; IL-26 |
| **UniProt Protein Name** | Interleukin-26 |
| **UniProt Synonym Protein Names** | Protein AK155 |
| **UniProt Gene Name** | IL26 |
| **UniProt Synonym Gene Names** | AK155; IL-26 |
| **NCBI Protein Information** | interleukin-26 |
| **UniProt Comments for IL-26** | May play a role in local mechanisms of mucosal immunity and seems to have a proinflammatory function. May play a role in inflammatory bowel disease. Activates STAT1 and STAT3, MAPK1/3 (ERK1/2), JUN and AKT. Induces expression of SOCS3, TNF-alpha and IL-8, secretion of IL-8 and IL-10 and surface expression of ICAM1. Decreases proliferation of intestinal epithelial cells. Is inhibited by heparin. |
| **Research Articles on IL-26** | **1.** this paper shows that IL-26 is overexpressed in Behcet's disease and enhances Th17 related -cytokines |
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