

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-IL5



Numéro de catalogue: 17786-1-AP

## Informations de base

Numéro de catalogue:

17786-1-AP

Taille:

150ul, Concentration: 260 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11840

Numéro d'acquisition GenBank:

BC066282

Identification du gène (NCBI):

3567

Nom complet:

interleukin 5 (colony-stimulating factor, eosinophil)

MW calculé

134 aa, 15 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

## Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : Protéine recombinante,

## Informations générales

Interleukin-5, or IL-5, was originally discovered as a soluble T cell-derived factor, called T cell-replacing factor (TRF), that induced T cell-depleted activated B cells to secrete immunoglobulin. IL-5 is a key hematopoietic cytokine in eosinophil differentiation, maturation, recruitment and activation at sites of allergic inflammation. IL-5 also plays a role in the development, metabolism, and function of basophils. IL-5 exerts its biological activity through the IL-5 receptor (IL-5R), which is composed of at least two chains: an  $\alpha$  chain that binds IL-5 with low affinity and a  $\beta$  chain that does not bind IL-5, but together with the IL-5 $\alpha$  chain, constitutes the high affinity IL-5 receptor. The  $\beta$  chain is common to the IL-3, IL-5 and GM-CSF receptors and has been shown to signal through the JAK/Stat pathway. IL-5 has long been associated with the cause of several allergic diseases including allergic rhinitis and asthma, wherein a large increase in the number of circulating, airway tissue, and induced sputum eosinophils have been observed.

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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## Données de validation sélectionnées



Recombinant protein were subjected to SDS PAGE followed by western blot with 17786-1-AP (IL5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.