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# IL17E Rabbit pAb

Catalog # AP98726

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | Q9H293 |
| **Other Accession** | Q9H293 |
| **Reactivity** | Rat |
| **Predicted** | Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 20330 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human IL-17E |
| **Epitope Specificity** | 75-177/177 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the IL-17 family. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq]. |

## Additional Information

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| **Gene ID** | 64806 |
| **Other Names** | IL17E; IL-17e; IL-25; IL25_HUMAN; IL25; Interleukin-17E (IL-17E); interleukin 25; interleukin 17E |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | IL25 |

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| **Synonyms** | IL17E |
| **Function** | Cytokine produced by various cells such as eosinophils, T- helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production (PubMed:15860795, PubMed:25821217). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:25821217). Exerts its activity via its receptor composed of IL17RA and IL17RB for signal transduction (By similarity). In turn, stimulates the JAK2- STAT5A pathway and promotes the secretion of type-2 associated cytokines including IL4, IL9 and IL13 (PubMed:25821217). Also induces the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways (PubMed:15860795). Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13 (PubMed:11754819). |
| **Cellular Location** | Secreted. |
| **Tissue Location** | Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.