

## Rabbit Interleukin 12A Polyclonal Antibody | anti-IL12A antibody

Interleukin 12A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA321818 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

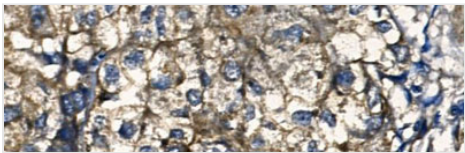
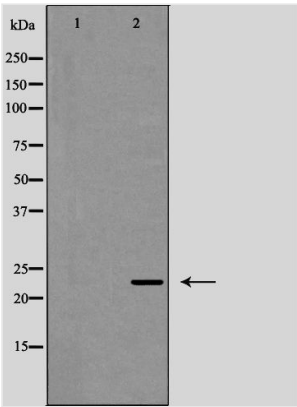
### PRODUCT SYNONYMS

Interleukin 12A; Polyclonal Antibody; Interleukin 12A Antibody; CLMF; CLMF p35; Cytotoxic lymphocyte maturation factor 1 p35; Cytotoxic lymphocyte maturation factor 35 kDa subunit; IL 12 subunit p35; IL 12A; IL-12 subunit p35; IL-12A; IL12A; IL12A\_HUMAN; IL35; IL35 subunit; Interleukin 12 alpha chain; Interleukin 12 p35; Interleukin 12 subunit alpha; Interleukin 12A (natural killer cell stimulatory factor 1; cytotoxic lymphocyte maturation factor 1; p35); Interleukin-12 subunit alpha; Natural killer cell stimulatory factor 1 35 kD subunit; NF cell stimulatory factor chain 1; NFSK; NK cell stimulatory factor chain 1; NKSF1; P35; anti-IL12A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                            |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                     |
| Reactivity                                      | Human, Mouse, Rat                                                                                          |
| Clonality                                       | Polyclonal                                                                                                 |
| Isotype                                         | IgG                                                                                                        |
| Specificity                                     | Interleukin 12A antibody detects endogenous levels of total Interleukin 12A                                |
| Purity/Purification                             | Peptide affinity purification                                                                              |
| Form/Format                                     | Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                        |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                     |
| Sequence Length                                 | 253                                                                                                        |
| Applicable Applications for anti-IL12A antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                       |
| Immunogen                                       | A synthesized peptide derived from human IL12A, corresponding to a region within the internal amino acids. |
| Conjugation                                     | Unconjugated                                                                                               |
| Preparation and Storage                         | Store at -20°C. Stable for 12 months from date of receipt.                                                 |

IMAGES



**IHC (Immunohistochemistry)**  
at 1/100 staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody

**WB (Western Blot)**  
Western blot analysis of Interleukin 12A expression in HeLa cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL12A antibody | Description: Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 24430219                               |
| NCBI GeneID                      | 3592                                   |
| NCBI Accession #                 | NP_000873.2                            |
| NCBI GenBank Nucleotide #        | NM_000882.3                            |
| UniProt Accession #              | P29459; Q96QZ1                         |
| Molecular Weight                 | 24 kDa                                 |
| NCBI Official Full Name          | interleukin-12 subunit alpha isoform 1 |
| NCBI Official Synonym Full Names | interleukin 12A                        |
| NCBI Official Symbol             | IL12A                                  |
| NCBI Official Synonym Symbols    | P35; CLMF; NFSK; NKSF1; IL-12A         |
| NCBI Protein Information         | interleukin-12 subunit alpha           |
| UniProt Protein Name             | Interleukin-12 subunit alpha           |
| UniProt Gene Name                | IL12A                                  |
| UniProt Synonym Gene Names       | NKSF1; IL-12A; CLMF p35; NKSF1         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.