

IL7 antibody (Biotin)

Cat. No. GTX48673

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA, IHC
Reactivity	Human

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:2000-1:10000
ELISA	1:20000-1:100000
IHC	1:1:1000-1:5000

Not tested in other applications.

Calculated MW 20 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl, 1% BSA
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length recombinant human IL-7 protein.
Purification	IgG fraction This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Conjugation	Biotin



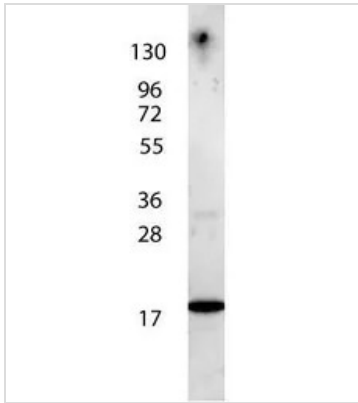
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Note

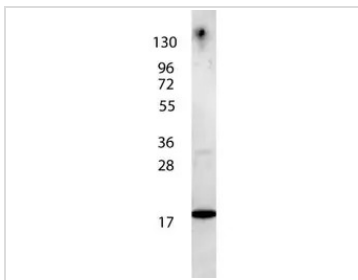
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DATA IMAGES



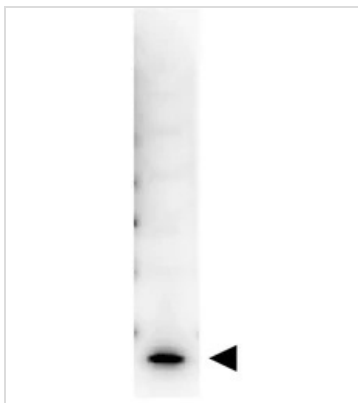
GTx48673 WB Image

Anti-Human IL-7 antibody shows detection of a band ~17 kDa in size corresponding to recombinant human IL-7. The identity of the faint higher molecular weight band may represent a homodimer. Molecular weight markers are also shown (left). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG (GTx27090) secondary antibody diluted 1:40,000 in blocking buffer for 30 min at RT followed by reaction with FemtoMax™ chemiluminescent substrate.



GTx48673 WB Image

WB analysis of recombinant human IL7 protein using GTx48673 IL7 antibody (Biotin).
Dilution : 1:1000



GTx48673 WB Image

WB analysis of recombinant human IL7 protein using GTx48673 IL7 antibody (Biotin).
Loading : 50 ng
Dilution : 1:1000



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