

IL-21 Antibody

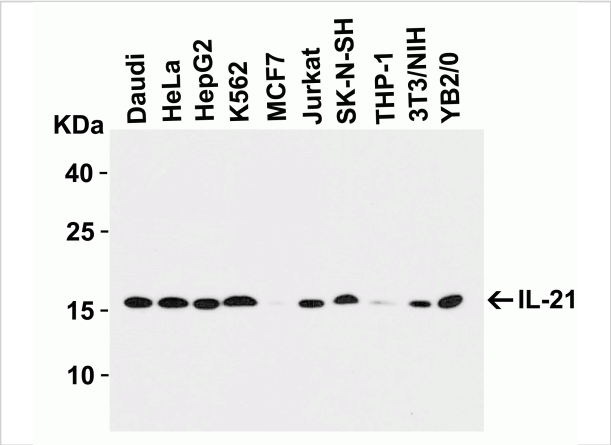
CATALOG NUMBER: 2465

Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (100%), Pig: (87%)
Immunogen	Anti-IL-21 antibody (2465) was raised against a peptide corresponding to 15 amino acids near the center of human IL-21 precursor. The immunogen is located within the last 50 amino acids of IL-21.
Conjugate	Unconjugated
Tested Applications	ELISA, ICC, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	At least two isoforms of IL-21 are known to exist; this antibody will detect both isoforms. IL-21 antibody is predicted to not cross-react with other members of the interleukin protein family.
Predicted Molecular Weight	Predicted: 18kD Observed: 17 kD

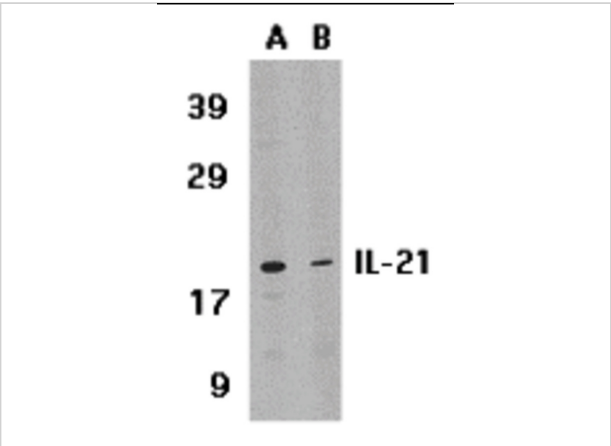
Properties

Purification	IL-21 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	IL-21 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/ml
Storage Conditions	IL-21 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



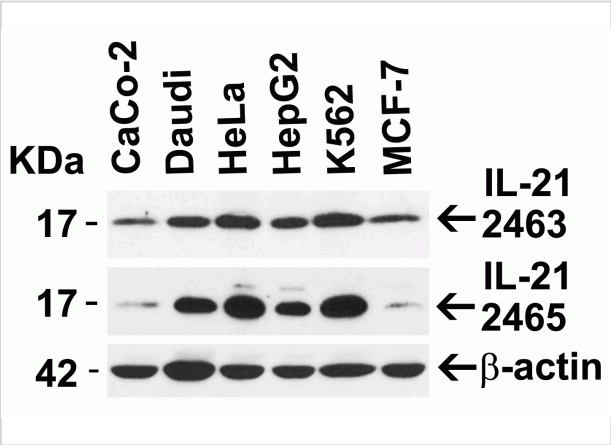
IL-21 Antibody 1

Figure 1 Western Blot Validation in Human, Mouse and Rat Cell Lines
 Loading: 15 µg of lysates per lane. Antibodies: IL-21 2465, (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Sec...



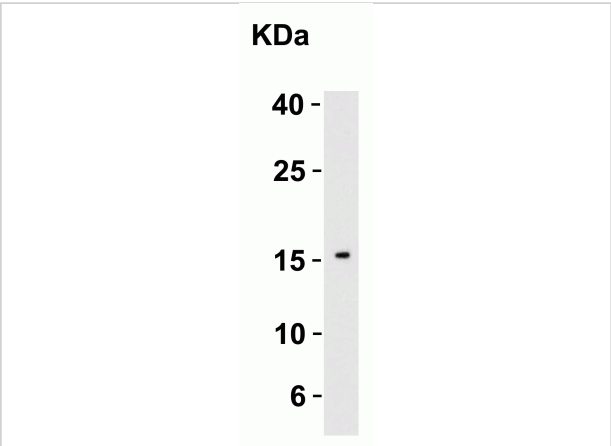
IL-21 Antibody 3

Figure 3 Western Blot Validation in Human HL-60 Cell Lysate
 Loading: 15 µg of lysates per lane. Antibodies: IL-21 2465 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: G...



IL-21 Antibody 2

Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines
 Loading: 15 µg of lysates per lane. Antibodies: IL-21 2465 (1 µg/mL), IL-21 2463 (5 µg...



IL-21 Antibody 4

Figure 4 Western Blot Validation with Recombinant Protein
 Loading: 30 ng of human IL-21 recombinant protein per lane. Antibodies: IL-21 2465 (0.5 µg/mL), 1h incubation at RT in ...

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.
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