

Product Datasheet

IL-22 Rabbit Polyclonal Antibody (orb5549)

Catalog Number	orb5549
Category	Antibodies
Description	IL-22 Rabbit Polyclonal Antibody
Target	IL22
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Canine, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human IL-22 (35-179/179aa)
UniProt ID	Q9GZX6
RRID	AB_10924547
MW	17 kDa

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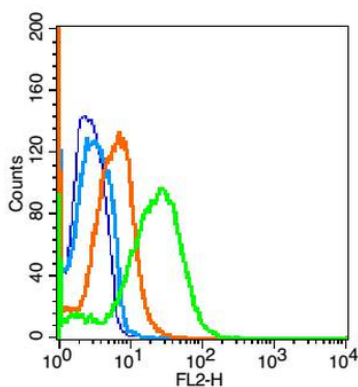
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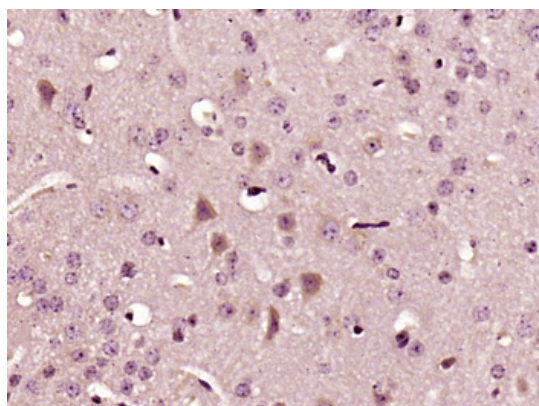
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue): Mouse liver cells (fixed with 2% paraformaldehyde (10 min), then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody: Rabbit Anti-IL22 antibody (orb5549), dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), dilution: 1:200 in 1X PBS containing 0.5% BSA.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (IL22) Polyclonal Antibody, Unconjugated (orb5549) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.

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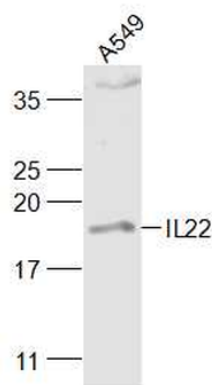
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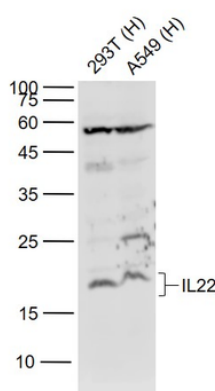
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Sample: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-IL22 (orb5549) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 17 kD, Observed band size: 19 kD.



Sample: Lane 1: 293T (Human) Cell Lysate at 30 ug, Lane 2: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-IL22 (orb5549) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 20 kD, Observed band size: 18 kD.

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