

Product Datasheet

CYPA Rabbit Polyclonal Antibody (orb100498)

Catalog Number	orb100498
Category	Antibodies
Description	CYPA Rabbit Polyclonal Antibody
Target	PPIA
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Porcine, Rabbit
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 Cyclophilin A. (101-165/165aa)
UniProt ID	P62937
MW	18 kDa

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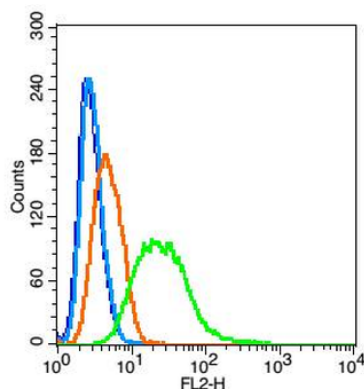
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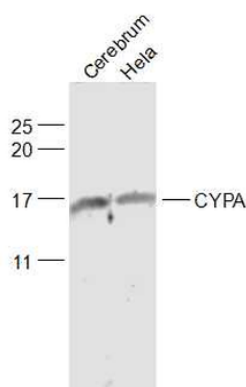
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage 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): HeLa (fixed with 2% paraformaldehyde (10 min), then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody: Rabbit Anti-CYPA antibody (orb100498), 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 1 X PBS containing 0.5% BSA.



Sample: Cerebrum (Rat) Lysate at 40 ug, HeLa (Human) Cell Lysate at 30 ug, Primary: Anti-CYPA (orb100498) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 18 kD, Observed band size: 17/18 kD.

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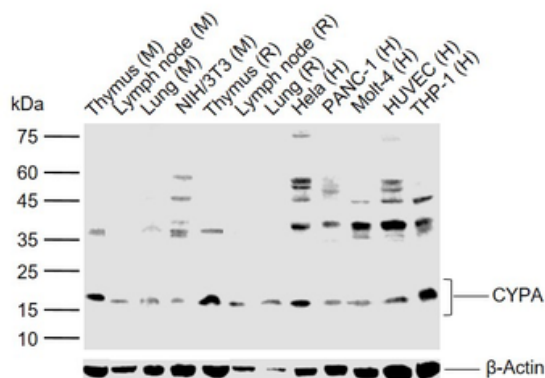
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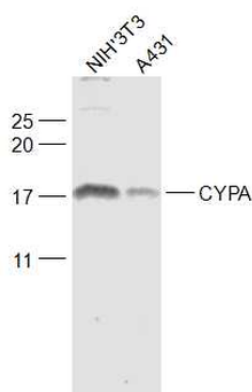
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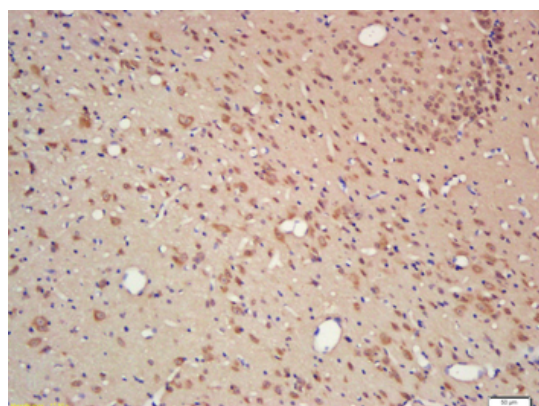
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Sample: Lane 1: Mouse Thymus tissue lysates, Lane 2: Mouse Lymph node tissue lysates, Lane 3: Mouse Lung tissue lysates, Lane 4: Mouse NIH/3T3 cell lysates, Lane 5: Rat Thymus tissue lysates, Lane 6: Rat Lymph node tissue lysates, Lane 7: Rat Lung tissue lysates, Lane 8: Human Hela cell lysates, Lane 9: Human PANC-1 cell lysates, Lane 10: Human Molt-4 cell lysates, Lane 11: Human HUVEC cell lysates, Lane 12: Human THP-1 cell lysates, Primary: Anti-CYPA (orb100498) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 18 kDa, Observed band size: 18 kDa.



Sample: NIH/3T3 (Mouse) Cell Lysate at 30 ug, A431 (Human) Cell Lysate at 30 ug, Primary: Anti-CYPA (orb100498) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 18 kD, Observed band size: 18 kD.



Tissue/cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CYPA Polyclonal Antibody, Unconjugated (orb100498) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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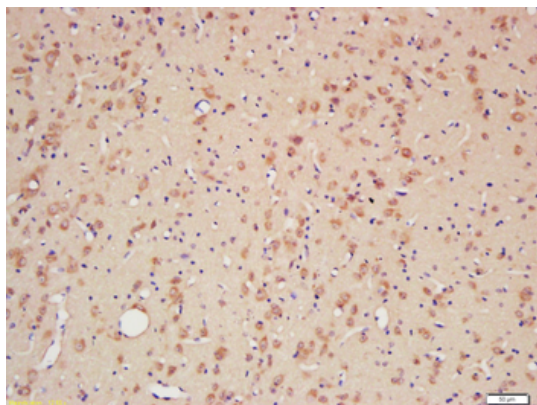
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