

Product Datasheet

Apolipoprotein E3 Rabbit Polyclonal Antibody (orb4523)

Catalog Number	orb4523
Category	Antibodies
Description	Apolipoprotein E3 Rabbit Polyclonal Antibody
Target	APOE
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Porcine
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 APOE3 (101-180/191aa)
UniProt ID	P02649
RRID	AB_10932540

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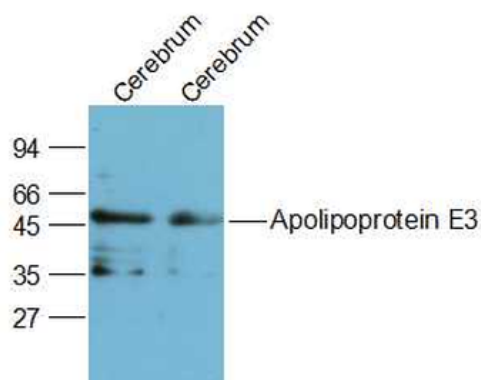
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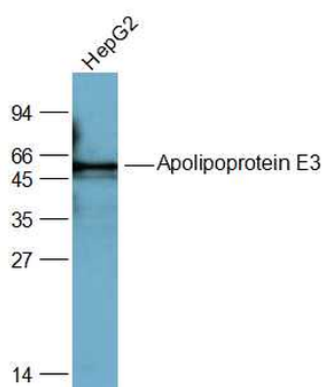
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MW	35 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Sample: Cerebrum (Mouse) Lysate at 40 ug, Cerebrum (Rat) Lysate at 40 ug, Primary: Anti-Apolipoprotein E3 (orb4523) at 1/2000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 34 kD, Observed band size: 49 kD.



Sample: HepG2 (Human) Cell Lysate at 30 ug, Primary: Anti-Apolipoprotein E3 (orb4523) at 1/2000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 34 kD, Observed band size: 54 kD.

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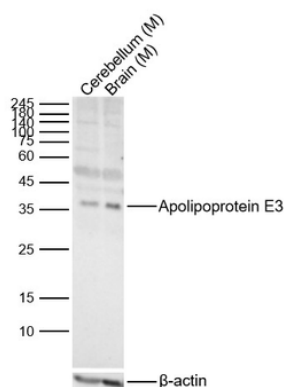
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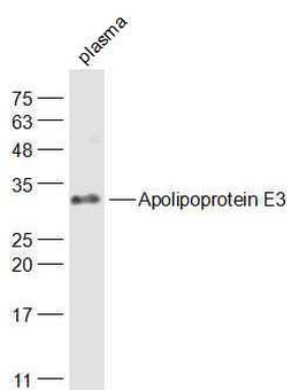
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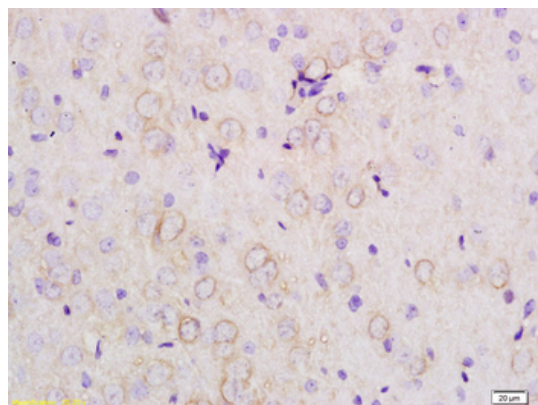
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Sample: Lane 1: Mouse Cerebellum Lysates, Lane 2: Mouse Brain Lysates, Primary: Anti-Apolipoprotein E3 (orb4523) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 34kDa, Observed band size: 35kDa.



Sample: Plasma (Mouse) Lysate at 40 ug, Primary: Anti-Apolipoprotein E3 (orb4523) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 34 kD, Observed band size: 34 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-APOE3 Polyclonal Antibody, Unconjugated (orb4523) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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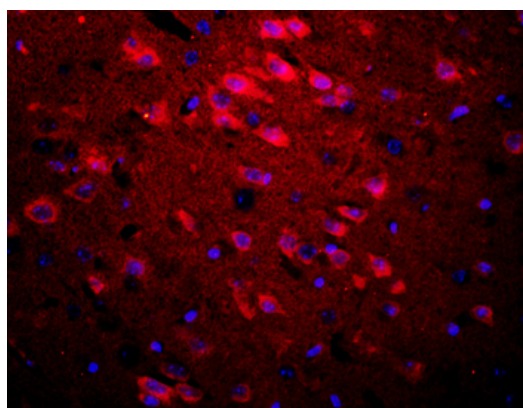
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Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-APOE3 Polyclonal Antibody, Unconjugated (orb4523) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (orb868589) used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 ug/ml, blue) was used to stain the cell nuclei.

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