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## anti-Apolipoprotein D antibody (N-Term)

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**Images** 



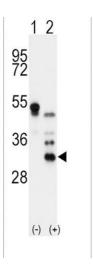
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Quantity:	400 μL
Target:	Apolipoprotein D (APOD)
Binding Specificity:	AA 26-53, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein D antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This APOD antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 26-53 amino acids from the N-terminal region of human APOD.
Clone:	RB15173
Isotype:	Ig Fraction
Predicted Reactivity:	Rb, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	Apolipoprotein D (APOD)

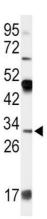
### **Target Details**

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Alternative Name:	APOD (APOD Products)
Background:	APOD is a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism.
Molecular Weight:	21276
Gene ID:	347
NCBI Accession:	NP_001638
UniProt:	P05090
Pathways:	Platelet-derived growth Factor Receptor Signaling
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



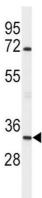
#### **Western Blotting**

**Image 1.** Western blot analysis of OD (arrow) using rabbit polyclonal OD Antibody (N-term) 7423a 293 cell lysates (2  $\mu$  g/lane) either nontransfected (Lane 1) or transiently transfected with the OD gene (Lane 2).



#### **Western Blotting**

**Image 2.** Western blot analysis of OD Antibody (N-term) 7423a in 293 cell line lysates ( $35 \,\mu g/lane$ ).OD (arrow) was detected using the purified Pab.



#### **Western Blotting**

**Image 3.** Western blot analysis of OD Antibody (N-term) 7423a in mouse brain tissue lysates (35  $\mu$ g/lane).OD (arrow) was detected using the purified Pab.