

Datasheet for ABIN6137014

anti-Apolipoprotein D antibody (AA 21-189)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Apolipoprotein D (APOD)
Binding Specificity:	AA 21-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apolipoprotein D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 21-189 of human APOD (NP_001638.1).
Sequence:	QAFHLGKCPN PPVQENFDVN KYLGRWYEIE KIPTTFENGR CIQANYSLME NGKIKVLNQE LRADGTVNQI EGEATPVNLT EPAKLEVKFS WFMPSPYWI LATDYENYAL VYSCTCIIQL FHVDFAWILA RNPNLPPETV DSLKNILTSN NIDVKKMTVT DQVNCPKLS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

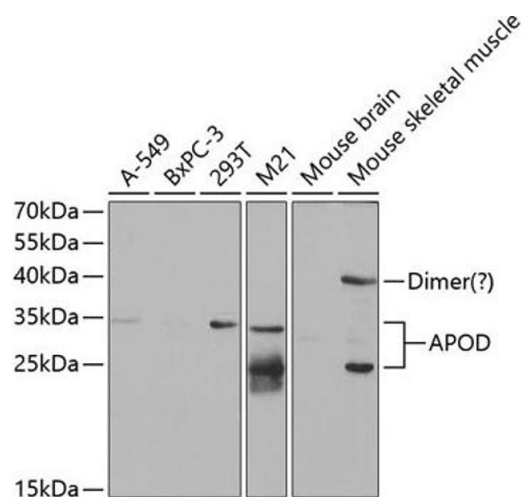
Target:	Apolipoprotein D (APOD)
Alternative Name:	APOD (APOD Products)
Background:	This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 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.,APOD,Cancer,Tumor biomarkers,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,Cardiovascular,Lipids,Lipoproteins/Apolipoproteins,APOD
Molecular Weight:	21 kDa
Gene ID:	347
UniProt:	P05090
Pathways:	Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using APOD antibody (ABIN6127443, ABIN6137014, ABIN6137016 and ABIN6220914) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.