

Datasheet for ABIN1944858
anti-PPARA antibody (AA 1-468)



[Go to Product page](#)

5 Images

4 Publications

Overview

Quantity:	400 µL
Target:	PPARA
Binding Specificity:	AA 1-468
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPARA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PPARA antibody is generated from a mouse immunized with a recombination protein from the human region of human PPARA.
Clone:	1331CT894-186-143
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	PPARA
Alternative Name:	PPARA (PPARA Products)

Target Details

Background: Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl- 2-oleoyl-sn-glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety (By similarity). Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2.

Molecular Weight: 52225

Gene ID: 5465

UniProt: [Q07869](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#), [Hepatitis C](#)

Application Details

Application Notes: IF: 1:25. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal 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

Expiry Date: 6 months

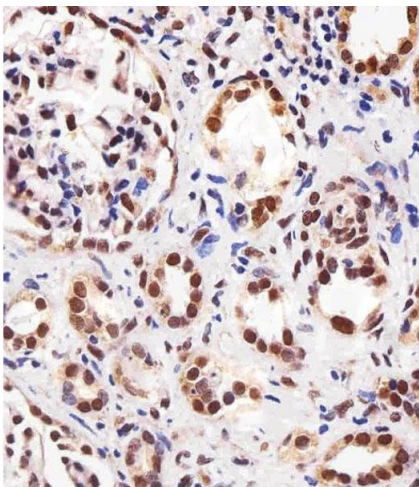
Publications

Product cited in: Zelinski, Zantek, Stewart, Irizarry, Kinch: "EphA2 overexpression causes tumorigenesis of mammary epithelial cells." in: **Cancer research**, Vol. 61, Issue 5, pp. 2301-6, (2001) ([PubMed](#)).

Miao, Burnett, Kinch, Simon, Wang: "Activation of EphA2 kinase suppresses integrin function and causes focal-adhesion-kinase dephosphorylation." in: **Nature cell biology**, Vol. 2, Issue 2, pp. 62-9, (2000) ([PubMed](#)).

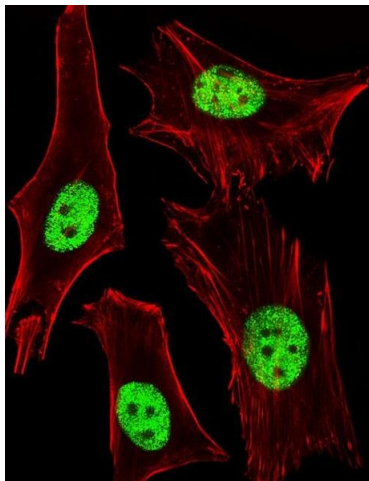
Lindberg, Hunter: "cDNA cloning and characterization of eck, an epithelial cell receptor protein-tyrosine kinase in the eph/elk family of protein kinases." in: **Molecular and cellular biology**, Vol. 10, Issue 12, pp. 6316-24, (1991) ([PubMed](#)).

Images



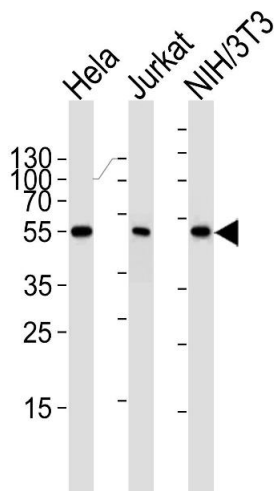
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. kidney section using ARA Antibody (ABIN1944858 and ABIN2838532). (ABIN1944858 and ABIN2838532) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunofluorescence

Image 2. Fluorescent image of HeLa cells stained with ARA Antibody (ABIN1944858 and ABIN2838532). (ABIN1944858 and ABIN2838532) was diluted at 1:25 dilution. An Alexa Fluor® 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western Blotting

Image 3. Western blot analysis of lysates from HeLa, Jurkat, mouse NIH/3T3 cell line (from left to right), using ARA Antibody (ABIN1944858 and ABIN2838532). (ABIN1944858 and ABIN2838532) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1944858.