

PPAR alpha/gamma Polyclonal Antibody

Product Details

Size	100 µL
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic Peptide: I(484) K K T E T D M S L H P L L Q(498)
Form	Liquid
Concentration	Conc. Not Determined
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2165594

Applications

Tested Dilution

Publications

Western Blot (WB)	1:2,000	5 Publications
Immunoprecipitation (IP)	Assay-dependent	1 Publication
Gel Shift (GS)	Assay-dependent	3 Publications

Product Specific Information

PA3-820 detects peroxisome proliferator activated receptor (PPAR) gamma 2 from human, mouse, and rat tissues and cells.

PA3-820 has been successfully used in Western blot, immunoprecipitation and gel shift procedures. By Western blot, this antibody detects an ~55 kDa protein representing PPAR gamma2 from 3T3-L1 cell lysate.

PA3-820 immunizing peptide corresponds to amino acid residues 484-498 from rat PPAR gamma2. This sequence is completely conserved in bovine, chicken, human, mouse, pig and rat PPAR gamma1, PPAR alpha and NUC1.

Western Blot (5)

<p>Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie</p> <p>Aspirin inhibits MMP-9 mRNA expression and release via the PPARAlpha /gamma and COX-2/mPGES-1-mediated pathways in macrophages derived from THP-1 cells.</p> <p>"PA3-820 was used in western blot to investigate the mechanism of MMP9 expression regulation by aspirin in macrophages"</p> <p>Authors: Xue J,Hua YN,Xie ML,Gu ZL</p>	<p>Year 2010</p> <p>Species Human</p> <p>Dilution 1:200</p>
<p>The EMBO journal</p> <p>Essential role of Smad3 in the inhibition of inflammation-induced PPARbeta/delta expression.</p> <p>"PA3-820 was used in western blot to investigate the role of Smad3 in the inhibition of inflammation-induced PPAR beta /delta expression."</p> <p>Authors: Tan NS,Michalik L,Di-Poi N,Ng CY,Mermod N,Roberts AB,Desvergne B,Wahli W</p>	<p>Year 2004</p> <p>Species Mouse</p>

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Immunoprecipitation (1)

<p>Endocrine</p> <p>Induction and repression of peroxisome proliferator-activated receptor alpha transcription by coregulator ARA70.</p> <p>"PA3-820 was used in immunoprecipitation to investigate the regulatory effect of ARA70 on PPAR alpha transcription"</p> <p>Authors: Heinlein CA,Chang C</p>	<p>Year 2003</p> <p>Species Mouse</p>
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Gel Shift (3)

<p>The Journal of biological chemistry</p> <p>Cyclooxygenase-independent induction of apoptosis by sulindac sulfone is mediated by polyamines in colon cancer.</p> <p>"PA3-820 was used in EMSA to investigate the role of N1-acetyltransferase during the apoptosis induced by sulindac sulfone in human colon cancer cells."</p> <p>Authors: Babbar N,Ignatenko NA,Casero RA,Gerner EW</p>	<p>Year 2003</p> <p>Species Human</p>
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