

# XPAT Polyclonal Antibody

## Product Details

Size	100 µL
Species Reactivity	Bovine, Human, Mouse, Pig
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide made to a region of the Human XPAT protein, within residues 300-400.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 30% glycerol
Contains	0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1017916

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-2.0 µg/mL	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1.0-5 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-

## Product Specific Information

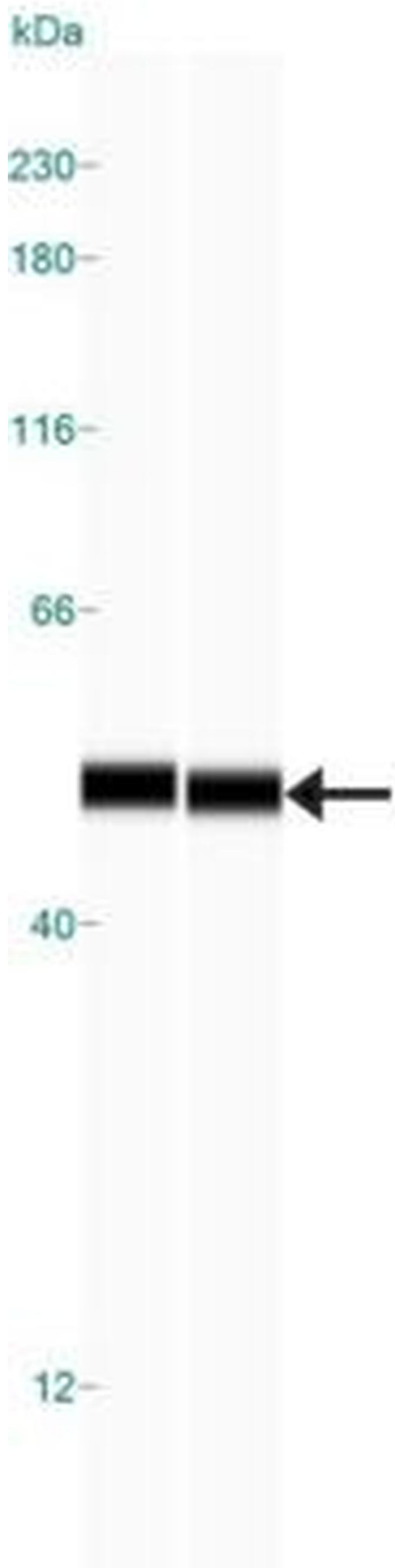
The target sequence has 94% sequence homology with sheep and porcine and 84% sequence homology with rat.

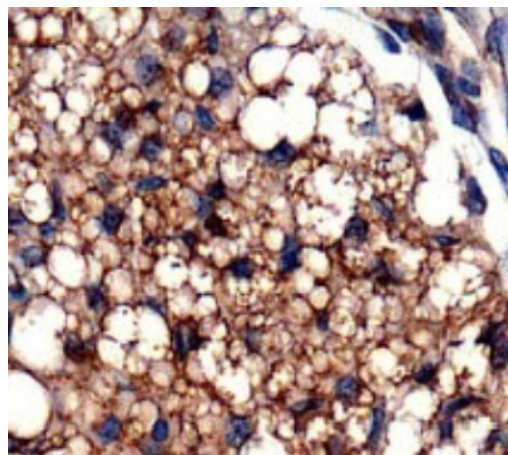
Suggested positive control: human and mouse heart lysate.

## Product Images For XPAT Polyclonal Antibody

### XPAT Antibody (PA1-46215) in WB

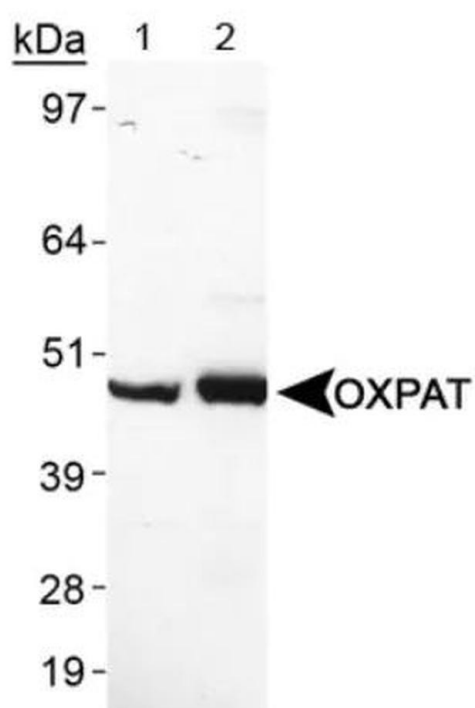
Western blot analysis of XPAT in 0.5 mg/mL Human Heart (left) and Mouse Heart (right) lysate. Samples were incubated in XPAT polyclonal antibody (Product # PA1-46215). This experiment was performed under reducing conditions using the 12-230 kDa separation system.





#### **OXPAT Antibody (PA1-46215) in IHC (P)**

Immunohistochemical analysis of OXPAT in paraffin embedded mouse fat. Samples were incubated in OXPAT polyclonal antibody (Product # PA1-46215).



#### **OXPAT Antibody (PA1-46215) in WB**

Western blot analysis of OXPAT in human (lane 1) and mouse (lane 2) heart lysate. Samples were incubated in OXPAT polyclonal antibody (Product # PA1-46215).

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Western Blot (2)

<p><b>Molecules (Basel, Switzerland)</b></p> <p><b>EPA/DHA Concentrate by Urea Complexation Decreases Hyperinsulinemia and Increases Plin5 in the Liver of Mice Fed a High-Fat Diet.</b></p> <p>"PA1-46215 was used in Western Blotting to suggest that processing salmon oil by urea concentration can generate an EPA+DHA dose useful to prevent the increase of fasting insulin and the decrease of Plin5 in the liver of insulin-resistant mice."</p> <p>Authors: Espinosa A,Ross A,Dovale-Rosabal G,Pino-de la Fuente F,Uribe-Oporto E,Sacristán C,Ruiz P,Valenzuela R, Romero N,Aubourg SP,Rodríguez A</p>	<p><b>Year</b> 2020</p> <p><b>Species</b> Mouse</p> <p><b>Dilution</b> 1:1000</p>
<p><b>Cancers</b></p> <p><b>Perilipin 5 and Lipocalin 2 Expression in Hepatocellular Carcinoma.</b></p> <p>"PA1-46215 was used in Immunohistochemistry to show the strong association of perilipin 5 and lipocalin 2 expression in hepatocellular carcinoma, and highlight their potential as diagnostic or treatment targets."</p> <p>Authors: Asimakopoulou A,Vucur M,Luedde T,Schneiders S,Kalampoka S,Weiss TS,Weiskirchen R</p>	<p><b>Year</b> 2019</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:50</p>

Immunohistochemistry (1)

<p><b>Cancers</b></p> <p><b>Perilipin 5 and Lipocalin 2 Expression in Hepatocellular Carcinoma.</b></p> <p>"PA1-46215 was used in Immunohistochemistry to show the strong association of perilipin 5 and lipocalin 2 expression in hepatocellular carcinoma, and highlight their potential as diagnostic or treatment targets."</p> <p>Authors: Asimakopoulou A,Vucur M,Luedde T,Schneiders S,Kalampoka S,Weiss TS,Weiskirchen R</p>	<p><b>Year</b> 2019</p> <p><b>Species</b> Human</p> <p><b>Dilution</b> 1:50</p>
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