

## Product datasheet for **TA385007**

### **PON1 Rabbit Monoclonal Antibody [Clone ID: R07-4I1]**

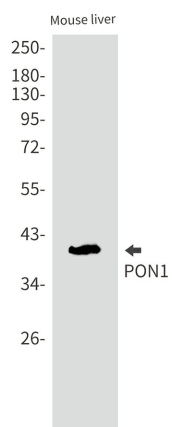
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	R07-4I1
<b>Applications:</b>	IP, WB
<b>Recommended Dilution:</b>	WB: 1/2000-1/10000 IP: 1/20
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A synthetic peptide of human PON1
<b>Formulation:</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	Calculated MW: 40 kDa; Observed MW: 40 kDa
<b>Gene Name:</b>	paraoxonase 1
<b>Database Link:</b>	<a href="#">Entrez Gene 5444 Human P27169</a>
<b>Background:</b>	Swiss-Prot Acc.P27169.Hydrolyzes the toxic metabolites of a variety of organophosphorus insecticides. Capable of hydrolyzing a broad spectrum of organophosphate substrates and lactones, and a number of aromatic carboxylic acid esters. Mediates an enzymatic protection of low density lipoproteins against oxidative modification and the consequent series of events leading to atheroma formation.
<b>Synonyms:</b>	ESA; K-45; MVCD5; PON

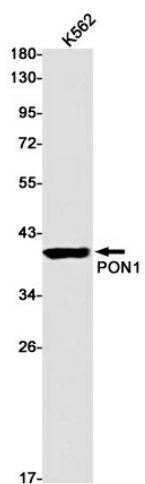


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## Product images:



Western blot analysis of PON1 in mouse liver lysates using PON1 antibody.



Western blot analysis of PON1 in K562 lysates using PON1 antibody.