

## Product Datasheet

### HP Antibody (Center) (orb1938797)

<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, IF, IHC-P, WB
<b>Target</b>	This HP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-322 amino acids from the Central region of human HP.
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Polyclonal
<b>Clone Number</b>	RB28443
<b>MW</b>	45205 Da
<b>Uniprot ID</b>	<b>P00738</b>
<b>NCBI</b>	<b>NP_005134.1, NP_001119574.1</b>
<b>Dilution Range</b>	IF: 1:10~50, WB: 1:1000-1:2000, IHC-P-Leica: 1:500, IHC-P-Leica: 1:500, FC: 1:10~50

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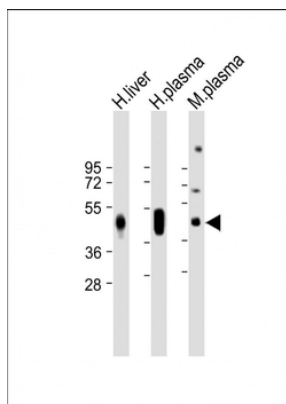
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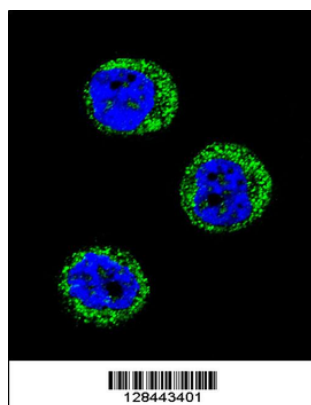
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**Expiration Date**

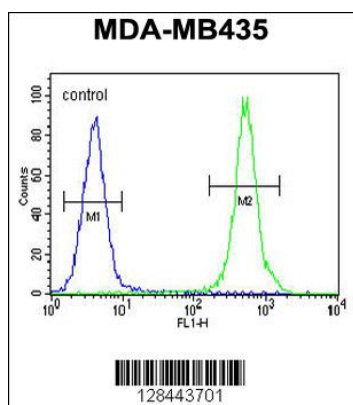
12 months from date of receipt.



All lanes: Anti-HP Antibody (Center) at 1:1000-1:2000 dilution.  
Lane 1: Human liver lysate. Lane 2: Human plasma lysate. Lane 3: Mouse plasma lysate. Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 45 kDa.  
Blocking/Dilution buffer: 5% NFDM/TBST.



Confocal immunofluorescent analysis of HP Antibody (Center) with MDA-MB435 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



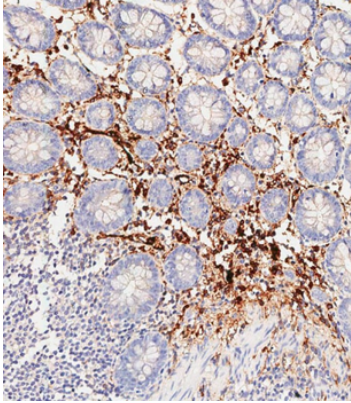
HP Antibody (Center) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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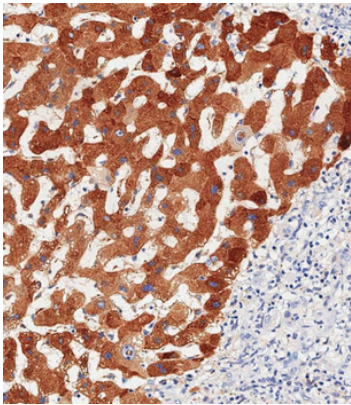
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Immunohistochemical analysis of paraffin-embedded Human colon tissue performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.



Immunohistochemical analysis of paraffin-embedded Human hepatocarcinoma tissue performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.

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