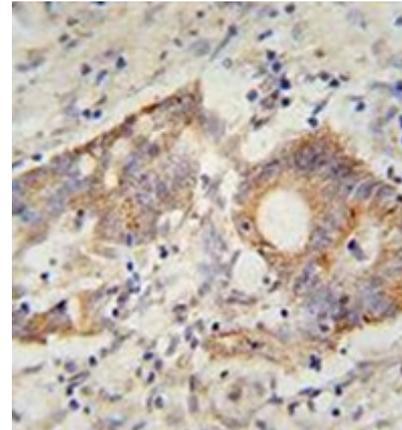


**AP52042PU-N****Polyclonal Antibody to HHLA2 (N-term) - Aff - Purified**

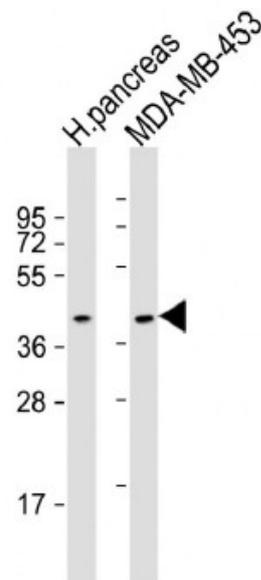
<b>Alternate names:</b>	HERV-H LTR-associating protein 2, Human endogenous retrovirus-H long terminal repeat-associating protein 2
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	0.5 mg/ml (Lot specific)
<b>Uniprot ID:</b>	<a href="#">Q9UM44</a>
<b>NCBI:</b>	<a href="#">NP_009003</a>
<b>GeneID:</b>	<a href="#">11148</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 58-87 amino acids from the N-terminal region of Human HHLA2 <b>Genename:</b> HHLA2
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Protein A column, followed by peptide affinity purification <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>Western Blot:</b> 1/1000. <b>Flow Cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human HHLA2 (N-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 46850 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Mager DL, Hunter DG, Schertzer M, Freeman JD. Endogenous retroviruses provide the primary polyadenylation signal for two new human genes (HHLA2 and HHLA3). Genomics. 1999 Aug 1;59(3):255-63. PubMed PMID: 10444326.

**Pictures:**

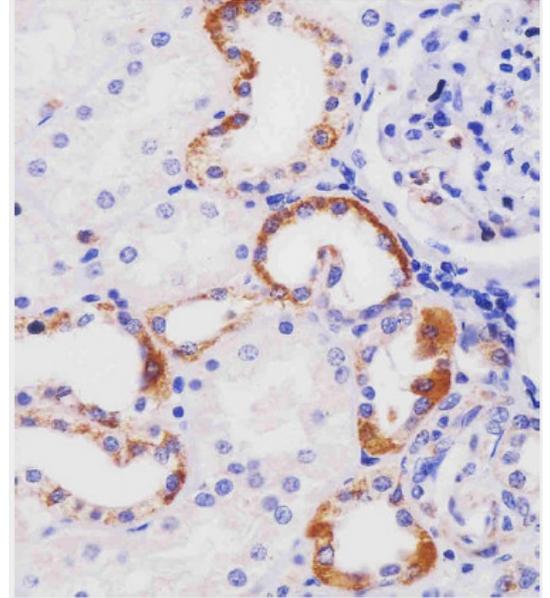
Immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma reacted with AP52042PU-N, which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



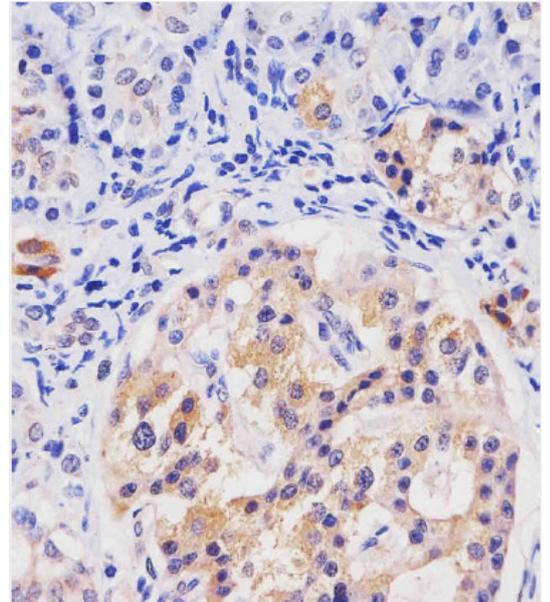
**All lanes:** Anti-HHLA2 Antibody (N-term)  
 Cat.-No AP52042PU-N at 1/2000 dilution.  
 Lane 1: Human pancreas lysate. Lane 2:  
 MDA-MB-453 whole cell lysate  
 Lysates/proteins at 20 µg per lane.  
 Secondary Goat Anti-Rabbit IgG, (H+L),  
 Peroxidase conjugated at 1/10000  
 dilution. Predicted band size: 47 kDa  
 Blocking/Dilution buffer: 5%  
 NFDM/TBST.



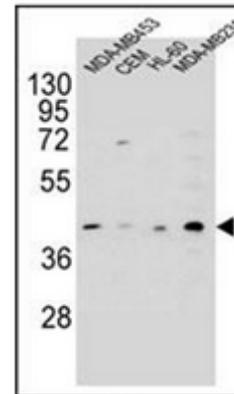
Immunohistochemistry analysis in parafformaldehyde-fixed, paraffin-embedded sections Human kidney stained with AP52042PU-N. Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Immunohistochemistry analysis in parafformaldehyde-fixed, paraffin-embedded sections Human pancreas stained with AP52042PU-N. Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western blot analysis of HHLA2 Antibody (N-term) Cat.-No AP52042PU-N in MDA-MB453, CEM, HL-60, MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HHLA2 antibody detected the HHLA2 protein (arrow).



Flow cytometric analysis of MDA-MB231 cells using AP52042PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

