

# Anti-Integrin alpha 8 HC Antibody

Rabbit polyclonal antibody to Integrin alpha 8 HC

Catalog # AP60329

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P53708</a>
<b>Other Accession</b>	<a href="#">A2ARA8</a>
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	117474

## Additional Information

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<b>Gene ID</b>	8516
<b>Other Names</b>	Integrin alpha-8
<b>Target/Specificity</b>	Recognizes endogenous levels of Integrin alpha 8 HC protein.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	ITGA8
<b>Function</b>	Integrin alpha-8/beta-1 functions in the genesis of kidney and probably of other organs by regulating the recruitment of mesenchymal cells into epithelial structures. It recognizes the sequence R-G-D in a wide array of ligands including TNC, FN1, SPP1 TGFB1, TGFB3 and VTN. NPNT is probably its functional ligand in kidney genesis. Neuronal receptor for TNC it mediates cell-cell interactions and regulates neurite outgrowth of sensory and motor neurons.
<b>Cellular Location</b>	Membrane; Single- pass type I membrane protein. Cell membrane
<b>Tissue Location</b>	Expressed in mesenchymal cells, including alveolar myofibroblasts, kidney mesangial cells and hepatic stellar cells and vascular and visceral smooth muscle (at protein level)

## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Integrin alpha 8 HC. The exact sequence is proprietary.

## Images

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Western blot analysis of Integrin alpha 8 HC expression in DLD (A) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.