

Polyclonal Antibody to Integrin Alpha 2 (ITGa2)

Integrin Alpha 2
Catalog # AP74801

Product Information

Application	IHC
Primary Accession	P53710
Host	Rabbit
Clonality	Polyclonal
Calculated MW	128929

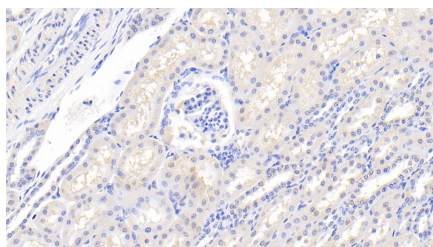
Additional Information

Other Names	CD49b; BR; GPIa; VLA-2; VLAA2; Platelet membrane glycoprotein Ia; Alpha 2 Subunit Of VLA-2 Receptor; Very Late Activation Proteins 2 Receptor; Collagen receptor; VLA-2 alpha
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	IHC~~Western blotting: 0.2-2 µg/mL;1:250-2500 Immunohistochemistry: 5-20 µg/mL;1:25-100 Immunocytochemistry: 5-20 µg/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	ITGA2
Function	Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix.
Cellular Location	Membrane; Single-pass type I membrane protein.

Images



DAB staining on IHC-P; Samples: Bovine Kidney Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Bovine ITGa2 Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog: SAA544Rb19)

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