

Collagen V α 1 Antibody

Catalog No: #34205

Package Size: #34205-1 50ul #34205-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Collagen V α 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Collagen V α 1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen V α 1.
Target Name	Collagen V α 1
Other Names	Collagen alpha-1(V) chain [Precursor]; COL5A1;
Accession No.	Swiss-Prot: P20908NCBI Gene ID: 1289
Uniprot	P20908
GeneID	1289;
SDS-PAGE MW	200kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

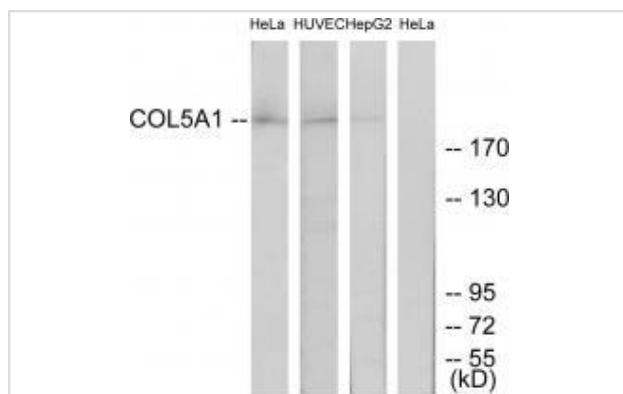
Application Details

Western blotting: 1:500~1:3000

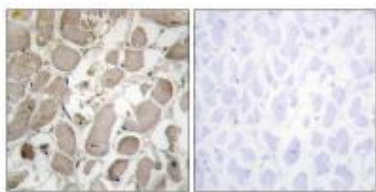
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

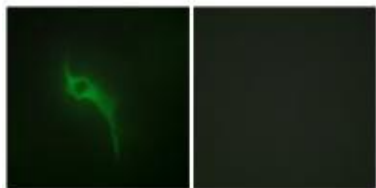
Images



Western blot analysis of extracts from HeLa cells, using Collagen V α 1 antibody #34205.



Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen V α 1 antibody #34205.



Immunofluorescence analysis of HeLa cells, using Collagen V α 1 antibody #34205.

Background

Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.

Takahara K., J. Biol. Chem. 266:13124-13129(1991).

Greenspan D.S., J. Biol. Chem. 266:24727-24733(1991).

Humphray S.J., Nature 429:369-374(2004).

Note: This product is for in vitro research use only