

Collagen I alpha 1 (Cleaved-Ala1218) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01759
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human Collagen I α 1 (Cleaved-Ala1218)
Mol wt	161040
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Collagen I alpha 1
Synonyms	Collagen I α 1 ;Cleaved-Ala1218; Collagen alpha-1;I chain; Alpha-1 type I collagen

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes the pro-alpha1 chains of type I collagen whose triple helix comprises two alpha1 chains and one alpha2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone| cornea| dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV| Ehlers-Danlos syndrome type VIIA| Ehlers-Danlos syndrome Classical type| Caffey Disease and idiopathic osteoporosis. Reciprocal translocations between chromosomes 17 and 22| where this gene and the gene for platelet-derived growth factor beta are located| are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans| resulting from unregulated expression of the growth factor. Two transcripts| resulting from the use of alternate polyadenylation signals| have been identified for this gene.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year