

Collagen I Rabbit pAb

db21697

Package : 20µL 50µL 100µL

Product Name : Collagen I Rabbit pAb**Cat.No.:** db21697**Synonyms** : OI1; OI2; OI3; OI4; EDSC; CAFYD; EDSARTH1**Application** : WB, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by R. Dagleish, Feb 2008]

Immunogen

Recombinant protein of human Collagen I

Gene ID

1277

Swiss Prot

P02452

Synonyms

OI1; OI2; OI3; OI4; EDSC; CAFYD; EDSARTH1

Reactivity

Human, Mouse, Rat

Application

WB, IP

Recommended dilution

WB: 1:1000

IP: 1:20

Calculated MW

139 kDa

Observed MW

139 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.