

## Collagen II Rabbit pAb

db2918

Package : 20µL 50µL 100µL

**Product Name** : Collagen II Rabbit pAb**Cat.No.:** db2918**Synonyms** : AOM; ANFH; SEDC; STL1; COL11A3**Application** : WB**Reactivity** : Human, Rat**Host species** : Rabbit**Background**

This gene encodes the alpha-1 chain of type II collagen, a fibrillar collagen found in cartilage and the vitreous humor of the eye. Mutations in this gene are associated with achondrogenesis, chondrodysplasia, early onset familial osteoarthritis, SED congenita, Langer-Saldino achondrogenesis, Kniest dysplasia, Stickler syndrome type I, and spondyloepimetaphyseal dysplasia Strudwick type. In addition, defects in processing chondrocalcin, a calcium binding protein that is the C-propeptide of this collagen molecule, are also associated with chondrodysplasia. There are two transcripts identified for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Collagen II

**Gene ID**

1280

**Swiss Prot**

P02458

**Synonyms**

AOM; ANFH; SEDC; STL1; COL11A3

**Reactivity**

Human, Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

142 kDa

**Observed MW**

30 kDa (Isoform 3) 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.