

Collagen XII alpha 1 Ab

[Images\(3\)](#)

Cat.#: AF0741
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 333kDa
Clonality: Polyclonal

Application: IHC 1:50-1:200, IF/ICC 1:100-1:500, WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity: Human

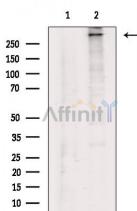
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

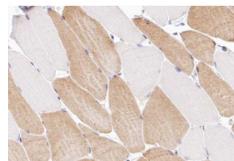
Immunogen: A synthesized peptide derived from human Collagen XIIalpha 1, corresponding to a region within the internal amino acids.

Uniprot: Q99715

Description: This gene encodes the alpha chain of type XII collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XII collagen is a homotrimer found in association with type I collagen, an association that is thought to modify the interactions between collagen I fibrils and the surrounding matrix. Two transcript variants encoding different isoforms have been identified for this gene.



Western blot analysis of extracts from Raji cells, using Collagen XII alpha 1 Ab. The lane on the left was treated with blocking peptide.



AF0741 at 1/100 staining human Skeletal muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab



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in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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