

ARG64231 anti-Collagen VII antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Collagen VII
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Dog, Pig
Tested Application	WB
Specificity	This product does not work on cryostat sections of Normal Human Skin.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Collagen VII
Species	Human
Immunogen	C-TVQYSDDPRTEF
Conjugation	Un-conjugated
Alternate Names	LC collagen; EBR1; VII; EBDCT; NDNC8; Collagen alpha-1; Long-chain collagen; EBD1

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 1.5 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background

This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen. [provided by RefSeq, Jul 2008]

Research Area

Signaling Transduction antibody

Calculated Mw

295 kDa

PTM

Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.

Images



ARG64231 anti-Collagen VII antibody WB image

Western blot: Rat testis lysate (35 µg protein in RIPA buffer) stained with ARG64231 anti-Collagen VII antibody at 0.5 µg/ml dilution.