

Datasheet for ABIN6719582
anti-LOR antibody (AA 1-312)



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Overview

Quantity:	100 µg
Target:	LOR
Binding Specificity:	AA 1-312
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LOR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	Anti-Loricrin/LOR Antibody Picoband®
Immunogen:	E.coli-derived human Loricrin/LOR recombinant protein (Position: M1-K312).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Loricrin/LOR Antibody Picoband® (ABIN6719582). Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LOR
Alternative Name:	LOR (LOR Products)
Background:	Synonyms: Loricrin, LOR, LRN Tissue Specificity: Expressed in testis and to a lesser degree in brain, ovary and placenta. Found in most tissues at low levels. Background: Loricrin is a protein that in humans is encoded by the LOR gene. It is mapped to 1q21.3. Loricrin is a major protein component of the cornified cell envelope found in terminally differentiated epidermal cells. It is expressed in the granular layer of all keratinized epithelial cells of mammals tested including oral, esophageal and stomach mucosa of rodents, tracheal squamous metaplasia of vitamin A deficient hamster and estrogen induced squamous vaginal epithelium of rats.
Molecular Weight:	26 kDa
Gene ID:	4014
UniProt:	P23490

Application Details

Application Notes:	Western blot, 0.1-0.5 µg/mL Immunohistochemistry (Paraffin-embedded Section), 0.5-1 µg/mL ELISA, 0.1-0.5 µg/mL 1. Hohl D, Mehrel T, Lichti U, Turner ML, Roop DR, Steinert PM (May 1991). "Characterization of human loricrin. Structure and function of a new class of epidermal cell envelope proteins". J Biol Chem. 266(10): 6626-36. 2. Yoneda K, Hohl D, McBride OW, Wang M, Cehrs KU, Idler WW, Steinert PM (Oct 1992). "The human loricrin gene". J Biol Chem. 267 (25): 18060-6.
Comment:	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.