

**bs-6327R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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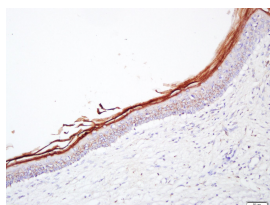
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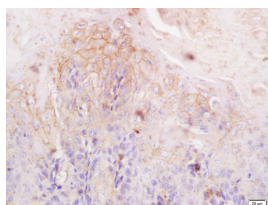
400-901-9800

**Filaggrin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)  <b>Reactivity:</b> Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Dog, Horse)  <b>Predicted MW.:</b> 447 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2312	<b>SWISS:</b> P20930	
<b>Target:</b> Filaggrin		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Filaggrin: 21-150/4061.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> The protein encoded by this gene is an intermediate filament-associated protein that aggregates keratin intermediate filaments in mammalian epidermis. It is initially synthesized as a polyprotein precursor, profilaggrin (consisting of multiple filaggrin units of 324 aa each), which is localized in keratohyalin granules, and is subsequently proteolytically processed into individual functional filaggrin molecules. Mutations in this gene are associated with ichthyosis vulgaris.[provided by RefSeq, Dec 2009].		

**— VALIDATION IMAGES —**

Tissue/cell: human skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Filaggrin Polyclonal Antibody, Unconjugated(bs-6327R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat tongue tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Filaggrin Polyclonal Antibody, Unconjugated(bs-6327R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=4.932]** Jie-Fang Gao. et al. Nicotinamide mononucleotide ameliorates DNFB-induced atopic dermatitis-like symptoms in mice by blocking activation of ROS-mediated JAK2/STAT5 signaling pathway. INT IMMUNOPHARMACOL. 2022 Aug;109:108812 IF ;Mouse. 35533554
- **[IF=4.6]** Xue-ting Hu. et al. The GRHL3-regulated long non-coding RNA Inc-DC modulates keratinocytes differentiation by interacting with IGF2BP2 and up-regulating ZNF750. J DERMATOL SCI. 2024 Feb;; WB ;Human. 38383230
- **[IF=4.109]** Gao Jie-Fang. et al. Myricetin treatment has ameliorative effects in DNFB-induced atopic dermatitis mice under high-fat conditions. TOXICOL SCI. 2022 Dec;; IF ;Mouse. 36575998

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=3.368]** Liu Tang. et al. Topical Application with Conjugated Linoleic Acid Ameliorates 2, 4 - dinitrofluorobenzene - Induced Atopic Dermatitis - like Lesions in BALB/c Mice. Exp Dermatol. 2021 Feb;30(2):237-248 WB ;Mouse. 33206422
- **[IF=3.4]** Yu Wu. et al. Protective Effects of Recombined Mussel Adhesive Protein against AD Skin Inflammation in Mice. Cosmetics. 2024 Aug;11(4):134 IHC ;Mouse. 10.3390/cosmetics11040134