

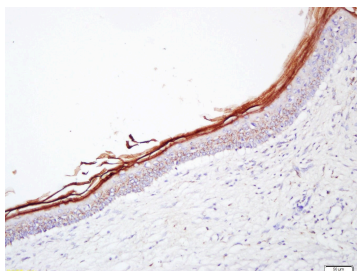
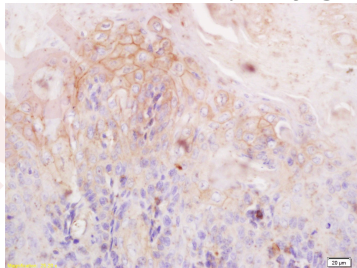
## Anti-Filaggrin Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 447 kDa.
Purification:	Protein A purified

### Applications

- Verified Activity:
1. Tissue/cell: rat tongue tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Filaggrin Polyclonal Antibody, Unconjugated (TMAB-00680) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.
  2. Tissue/cell: human skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Filaggrin Polyclonal Antibody, Unconjugated (TMAB-00680) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Filaggrin

Antigen Species: Human

Gene ID: 2312

Uniprot ID: P20930

Synonyms: Filaggrin;FLG

Biology Area: Epi / Endo-thelial,Cytokeratin,Cytokeratins

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### Research Background

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].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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