

FILA rabbit pAb

Cat No.:ES11828

For research use only

Overview

Product Name	FILA rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human; Rat; Mouse;
Recommended dilutions	IHC-p 1:50-300
Immunogen	Synthesized peptide derived from part region of
	human protein
Specificity	FILA Polyclonal Antibody detects endogenous levels
	of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Filaggrin
Gene Name	FLG
Cellular localization	Cytoplasmic granule . In the stratum granulosum of
	the epidermis, localized within keratohyalin granules
	(PubMed:1429717). In granular keratinocytes and in
	lower corneocytes, colocalizes with
	calpain-1/CAPN1 (PubMed:21531719)
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	446kD
Human Gene ID	2312
Human Swiss-Prot Number	P20930
Alternative Names	
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



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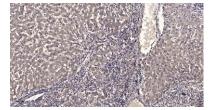
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324 aa each), which is localized in keratohyalin granules, and is subsequently proteolytically processed into individual functional filaggrin molecules. Mutations in this gene are associated with ichthyosis vulgaris.[provided by RefSeq, Dec 2009],

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).





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