



Anti-BFSP1 (aa 91-140) polyclonal antibody (DPABH-20628)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a lens-specific intermediate filament-like protein named filensin. The encoded protein is expressed in lens fiber cells after differentiation has begun. This protein functions as a component of the beaded filament which is a cytoskeletal structure found in lens fiber cells. Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Alternate splicing results in multiple transcript variants.
Immunogen	Synthetic peptide corresponding to a region within N terminal amino acids 91 - 140 (QVESNRQRVR DLEAERARLE RQGTEAQRAL DEFRSKYENE CECQLLLKEM) of Human Filensin (NP_001186).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 2% Sucrose, PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	BFSP1 beaded filament structural protein 2, filensin [Homo sapiens]
Official Symbol	BFSP1
Synonyms	BFSP1; beaded filament structural protein 1, filensin; CP94; CP115; LIFL-H; CTRCT33; filensin; cytoskeletal protein, 115 KD; lens intermediate filament-like heavy; lens fiber cell beaded-filament structural protein CP 115;
Entrez Gene ID	631
Protein Refseq	NP_001155177.1
UniProt ID	B7Z999
Function	structural constituent of cytoskeleton; structural constituent of eye lens;