

Product datasheet for **TA345764**

Filensin (BFSP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BFSP1 antibody: synthetic peptide directed towards the N terminal of human BFSP1. Synthetic peptide located within the following region: QVESNRQRVRDLEAERARLERQGTEAQRALDEFRSKYENECECQLLLKEM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	beaded filament structural protein 1
Database Link:	NP_001186 Entrez Gene 631 Human Q12934



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Background:

More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cells. Two lens-specific intermediate filament-like proteins, CP49 (also known as phakinin) and BFSP1 (or CP115), are expressed only after fiber cell differentiation has begun. Both proteins are found in a structurally unique cytoskeletal element that is referred to as the beaded filament. More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cells. Two lens-specific intermediate filament-like proteins, CP49 (also known as phakinin) and the protein product of this gene, filensin (or CP115), are expressed only after fiber cell differentiation has begun. Both proteins are found in a structurally unique cytoskeletal element that is referred to as the beaded filament (BF). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

CP94; CP115; CTRCT33; LIFL-H

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%; Sheep: 80%; Yeast: 75%

Product images:

WB Suggested Anti-BFSP1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Hela cell lysate