

BFSP1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11734**Specification**

BFSP1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q12934
Other Accession	NM_001195 , NP_001186
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Yeast, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74kDa KDa

BFSP1 antibody - N-terminal region - Additional Information**Gene ID** 631**Alias Symbol** CP115, CP94, FILENSIN, LIFL-H**Other Names**

Filensin, Beaded filament structural protein 1, Lens fiber cell beaded-filament structural protein CP 115, CP115, Lens intermediate filament-like heavy, LIFL-H, BFSP1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-BFSP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

BFSP1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

BFSP1 antibody - N-terminal region - Protein Information**Name** BFSP1**Function**Required for the correct formation of lens intermediate filaments as part of a complex composed of BFSP1, BFSP2 and CRYAA (PubMed:<[a href="http://www.uniprot.org/citations/28935373"](http://www.uniprot.org/citations/28935373)target="_blank">28935373). Involved in altering the calcium regulation of MIP water permeability (PubMed:<[a href="http://www.uniprot.org/citations/30790544"](http://www.uniprot.org/citations/30790544)target="_blank">30790544).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q06002}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q06002}; Cytoplasmic side {ECO:0000250|UniProtKB:Q06002}. Cytoplasm {ECO:0000250|UniProtKB:Q02435}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q06002}. Cytoplasm, cell cortex {ECO:0000250|UniProtKB:Q06002}

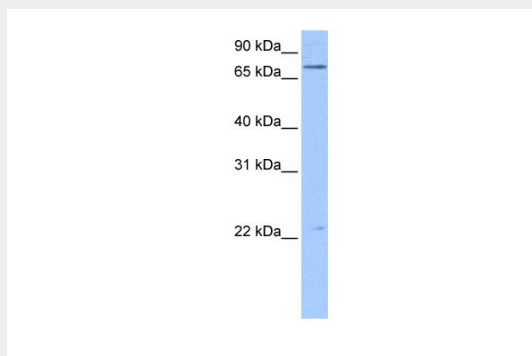
Tissue Location

Expressed in the cortex and nucleus of the retina lens (at protein level).

BFSP1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BFSP1 antibody - N-terminal region - Images

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

BFSP1 antibody - N-terminal region - References

Ramachandran, R.D., Hum. Genet. 121 (3-4), 475-482 (2007) Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.