

DNAxPAb

Hard-to-Find
Antibody

BFSP1 DNAxPab

Catalog # H00000631-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human BFSP1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MYNECECQLLLKEMLERLNKEADEALLHNLRLQLEAQFLQDDISAAKDRHKKNLLEVQTYISILQ
QIIHTPPASIVTSGMREEKLLTEREVAALRSQLEEGREVLSHLQAQRVELQAQTTTLEQAISAH
CYDDEIQLYNEQIETLRKEIEETERVLEKSSYDCRQLAVAQQTTLKNELDRYHRIEIEGNRLTS
PIPLFTQSHGVSLSTGSGGKDLTRALQDITAAKPRQKALPKNVPRRKEITKDKTNGALEDAPLKGL
EDTKLVQVVLKEESESKEFESESKEVSPLTQEGAPEDVPDGGQISKGFGKLYRKVKEKVRSPKEP
ETPTELYTKERHVLVTGDANYVDPRFYVSSITAKGGVAVSVAEDSVLYDGQVGPSPEPKPLEN
GQVGLQEKEDGQPIDQQPIDKEIEPDGAELEGPEEKREGEERDEESRRPCAMVTPGAEEPSIPE
PPKPAADQDGAEVLGTRSRSLPEKGGPKALAYKTVEVVESIEKISTESIQTYEETAVVETMIGTK
SDKKKSGEKSS

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — BFSP1

Entrez GeneID [631](#)

GeneBank Accession# [BC041483](#)

Protein Accession# [AAH41483](#)

Gene Name BFSP1

Gene Alias CP115, CP94, FILENSIN, LIFL-H

Gene Description beaded filament structural protein 1, filensin

Omim ID [603307 611391](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, 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). Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000030329|cytoskeletal protein, 115 KD|filensin