BFSP2 Polyclonal Antibody

Catalog Number:E-AB-65999

Note: Centrifuge before opening to ensure complete recovery of vial contents.

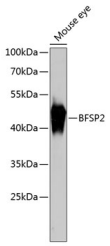
Description

Reactivity	Mouse
Immunogen	Recombinant fusion protein of human BFSP2 (NP_003562.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications — Recommended Dilution

WB	1:500-1:2000

Data



Western blot analysis of extracts of Mouse eye using BFSP2 Polyclonal Antibody at dilution of 1:3000.

Observed MW:46kDa

Calculated Mw:45kDa

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

Background

More than 99% of the vertebrate ocular lens is comprised of terminally differentiated lens fiber cells. Two lens-specific intermediate filament-like proteins, the protein product of this gene (phakinin), and 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 have been associated with juvenile-onset, progressive cataracts and Dowling-Meara epidermolysis bullosa simplex.