

## Product datasheet for **TA387424**

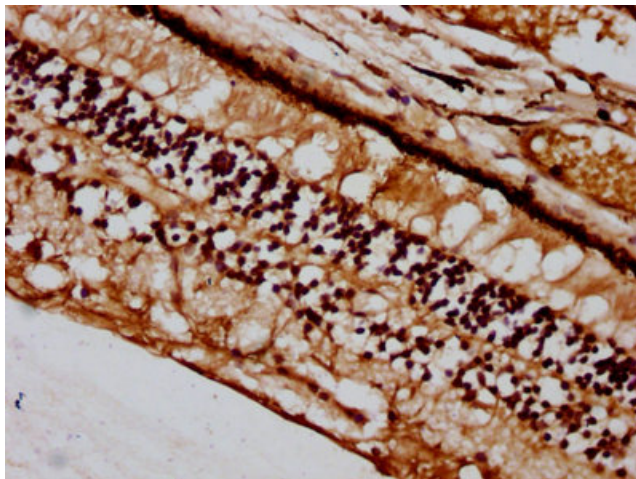
### BFSP2 Rabbit Polyclonal Antibody

#### Product data:

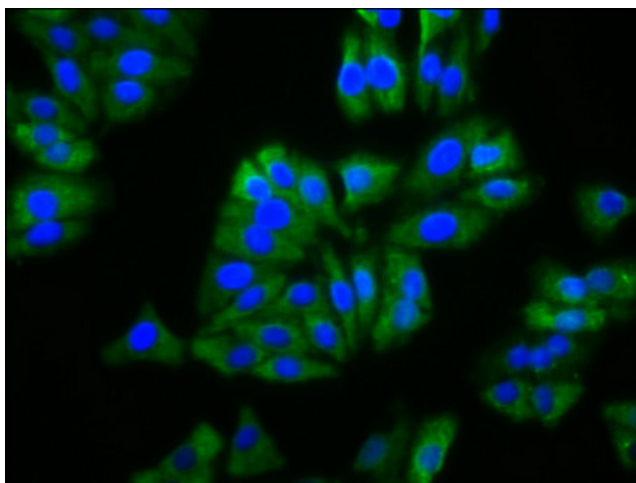
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IF, IHC, WB  |
| Recommended Dilution: | Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200            |
| Reactivity:           | Human  |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Recombinant Human Phakinin protein (11-110AA)                                    |
| Formulation:          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Concentration:        | lot specific   |
| Purification:         | >95%, Protein G purified   |
| Conjugation:          | Unconjugated   |
| Storage:              | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                    |
| Stability:            | 1 year from dispatch.  |
| Database Link:        | <a href="#">Q13515</a>   |
| Background:           | Involved in stabilization of lens fiber cell cytoskeleton.                       |



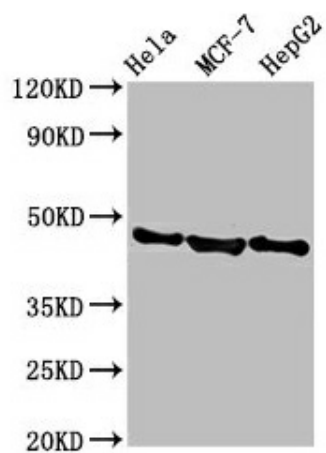
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**Product images:**

IHC image of TA387424 diluted at 1:400 and staining in paraffin-embedded human eye tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with TA387424 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Western Blot

Positive WB detected in: HeLa whole cell lysate,  
MCF-7 whole cell lysate, HepG2 whole cell lysate  
All lanes: BFSP2 antibody at 3.8 $\mu$ g/ml

#### Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution  
Predicted band size: 46 kDa  
Observed band size: 46 kDa