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# anti-BRSK1 antibody (Atto 594)

**Images** 



| $\sim$ |          |
|--------|----------|
| ( )\/△ | rview    |
| $\cup$ | 1 410 44 |

| Quantity:    | 100 μg                                                                                                |
|--------------|-------------------------------------------------------------------------------------------------------|
| Target:      | BRSK1                                                                                                 |
| Reactivity:  | Human                                                                                                 |
| Host:        | Rabbit                                                                                                |
| Clonality:   | Polyclonal                                                                                            |
| Conjugate:   | This BRSK1 antibody is conjugated to Atto 594                                                         |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC) |

### **Product Details**

| Immunogen:        | Synthetic peptide from the mid-protein of Human BRSK1                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype:          | IgG                                                                                                                                          |
| Specificity:      | Widely expressed, with highest levels in brain and testis. Protein levels remain constant throughout the cell cycle., Detects $\sim$ 70 kDa. |
| Cross-Reactivity: | Human, Mouse                                                                                                                                 |
| Purification:     | Peptide Affinity Purified                                                                                                                    |
| Target Netails    |                                                                                                                                              |

# Larget Details

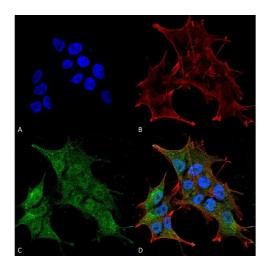
| Target:           | BRSK1                  |
|-------------------|------------------------|
| Alternative Name: | BRSK1 (BRSK1 Products) |

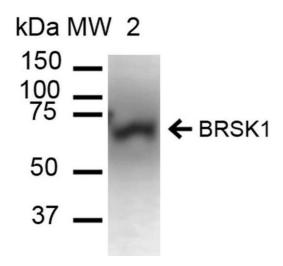
## **Target Details**

| Gene ID:        | 84446     |
|-----------------|-----------|
| NCBI Accession: | NP_115806 |
| UniProt:        | Q8TDC3    |

| UniProt:            | Q8TDC3                                                                                                                                                                                                |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Details |                                                                                                                                                                                                       |
| Application Notes:  | <ul> <li>WB (1:1000)</li> <li>ICC/IF (1:100)</li> <li>IHC ((1:50)</li> <li>optimal dilutions for assays should be determined by the user.</li> </ul>                                                  |
| Comment:            | A 1:1000 dilution of ABIN5066519 was sufficient for detection of BRSK1 in 15 $\mu$ g of mouse brain cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody. |
| Restrictions:       | For Research Use only                                                                                                                                                                                 |
| Handling            |                                                                                                                                                                                                       |
| Format:             | Liquid                                                                                                                                                                                                |
| Concentration:      | 1 mg/mL                                                                                                                                                                                               |
| Buffer:             | PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated                                                                                                                    |
| Preservative:       | Sodium azide                                                                                                                                                                                          |

Storage Comment: Conjugated antibodies should be stored at 4°C





#### Immunofluorescence (fixed cells)

Image 1. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-BRSK1 Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-BRSK1 Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) BRSK1 Antibody (D) Composite.

#### **Western Blotting**

Image 2. Western blot analysis of Mouse Brain cell lysates showing detection of ~85.1 kDa BRSK1 protein using Rabbit Anti-BRSK1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain cell lysates. Load: 15 μg. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-BRSK1 Polyclonal Antibody at 1:1000 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~85.1 kDa.