



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-QKI (Pan) Antibody [S147-6]

Mouse Anti-Human QKI (pan) Monoclonal IgG2b  
Catalog No. SMC-467



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

QKI (pan) Antibody

### Description

Mouse Anti-Human QKI (pan) Monoclonal IgG2b

### Species Reactivity

Human, Mouse, Rat

### Applications

WB, IHC, ICC/IF

### Antibody Dilution

WB (1:1000); optimal dilutions for assays should be determined by the user.

### Host Species

Mouse

### Immunogen Species

Human

### Immunogen

Fusion protein amino acids 1-341 (full-length) of human QKI-5. Mouse: 100% identity (341/341 amino acids identical). Rat: 99% identity (339/341 amino acids identical) >90% identity with QKI-6, QKI-7 and QKI-7b.

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH 7.4, 50% glycerol, 0.1% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

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Protein G Purified

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**Clonality**

Monoclonal

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**Clone Number**

S147-6

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**Isotype**

IgG2b

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**Specificity**

Detects ~36-38kDa.

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**Cite This Product**

Mouse Anti-Human QKI Monoclonal, Clone S147-6 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-467)

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**Certificate Of Analysis**

1 µg/ml of SMC-467 was sufficient for detection of Pan-QKI in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

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**Biological Description**

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**Alternative Names**

Protein quaking Antibody, Hqk Antibody, Hqkl Antibody, QKI Antibody, KH Domain Containing Antibody, RNA Binding (QKI) Antibody

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**Research Areas**

Cell Signaling, Neurodegeneration, Neuroscience, Scaffolds

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**Cellular Localization**

Cytoplasm, Nucleus

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**Accession Number**

NP\_006766.1.

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**Gene ID**

9444

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**Swiss Prot**

Q96PU8

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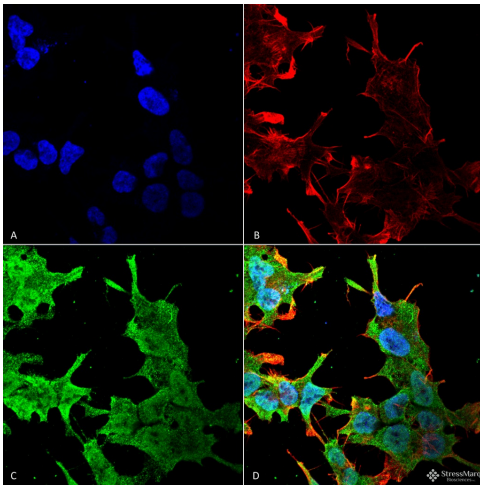
**Scientific Background**

QKI is also called Protein Quaking or Hqkl. QKI is an RNA-binding protein that plays a central role in myelination. QKI acts by regulating pre-mRNA splicing, mRNA export, mRNA stability and protein translation, and is itself, regulated by alternative splicing. QKI is expressed in the frontal cortex of brain, but is shown to be down-regulated in the brain of schizophrenic patients.

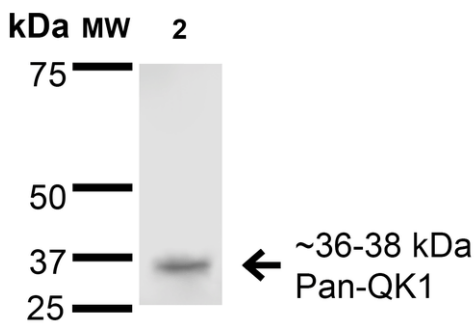
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**Product Images**

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Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-QKI (pan) Monoclonal Antibody, Clone S147-6 (SMC-467). Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-QKI (pan) Monoclonal Antibody (SMC-467) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000; 1:5000 for 60 min RT, 5 min RT. Localization: Cytoplasm, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) QKI (pan) Antibody (D) Composite.



Western Blot analysis of Rat Brain Membrane showing detection of 36-38 kDa QKI (pan) protein using Mouse Anti-QKI (pan) Monoclonal Antibody, Clone S147-6 (SMC-467). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 µg . Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-QKI (pan) Monoclonal Antibody (SMC-467) at 1:200 for 16 hours at 4°C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: 36-38 kDa.

## Product Citations (0)

Currently there are no citations for this product.

## Reviews

There are no reviews yet.