

# Product Datasheet

## QKI/Quaking Antibody (S147-6) - Pan Specific - BSA Free NBP2-42196

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-42196**

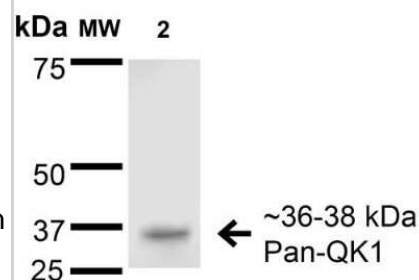
QKI/Quaking Antibody (S147-6) - Pan Specific - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	S147-6
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse QKI/Quaking Antibody (S147-6) - Pan Specific - BSA Free (NBP2-42196) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9444
<b>Gene Symbol</b>	QKI
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays sequence identity for non-tested species: Mouse and Rat
<b>Specificity/Sensitivity</b>	Greater than 90% identity with QKI-6, QKI-7 and QKI-7b. Detects approx 36-38kDa.
<b>Immunogen</b>	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.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	1 ug/ml of QKI (pan) Antibody was sufficient for detection of Pan-QKI in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

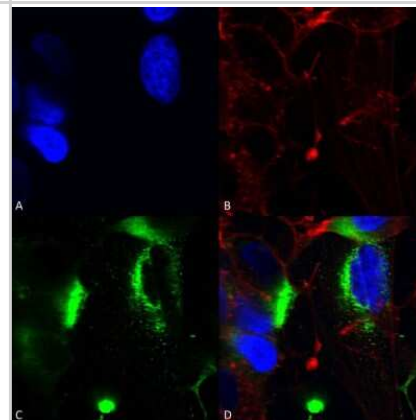


## Images

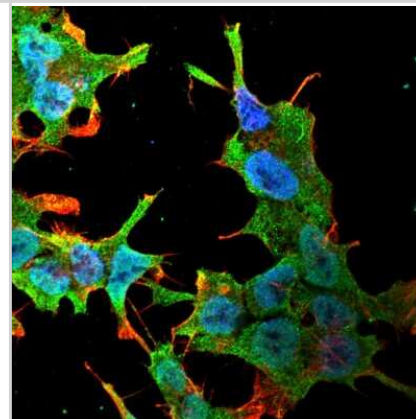
Western Blot: QKI/Quaking Antibody (S147-6) - Pan Specific [NBP2-42196] - Western Blot analysis of Rat Brain Membrane showing detection of 36-38 kDa QKI/Quaking (pan) protein using Mouse Anti-QKI/Quaking (pan) Monoclonal Antibody, Clone S147-6 (NBP2-42196). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-QKI/Quaking (pan) Monoclonal Antibody (NBP2-42196) at 1:200 for 16 hours at 4C. 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.



Immunocytochemistry/Immunofluorescence: QKI/Quaking Antibody (S147-6) - Pan Specific [NBP2-42196] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-QKI/Quaking (pan) Monoclonal Antibody, Clone S147-6 (NBP2-42196). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-QKI/Quaking (pan) Monoclonal Antibody (NBP2-42196) at 1:200 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) QKI/Quaking (pan) Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: QKI/Quaking Antibody (S147-6) - Pan Specific [NBP2-42196] - 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 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.





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### **Products Related to NBP2-42196**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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