

AB-NN237-1

Dicer Antibody

Pan-specific monoclonal antibody (S167-7) for monitoring the expression of mouse Dicer



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Endoribonuclease Dicer
Alias:	Dicer1, DCR, DCR1, DCR-1, Double-strand-specific ribonuclease, Helicase with RNase motif, HERNA, Helicase MOI, KIAA0928, Endoribonuclease Dicer
UniProt ID:	Q8R418 - Mouse
Human Predicted Mass (kDa):	218.682 (1992 AA; Q9UPY3-1); 208.448 (1829 AA; Q9UPY3-2); 92.726 (820 AA; Q9UPY3-3)
Observed SDS-PAGE Mass (kDa):	215

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1638-1899 of mouse Endoribonuclease Dicer
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-416 was sufficient for detection of Dicer in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~215 kDa protein.
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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