

AB-NN298-1

Notch1 Antibody

Pan-specific monoclonal antibody (S253-32) for monitoring the expression of mouse Notch1



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:	Neurogenic locus notch homolog protein 1
Alias:	Neurogenic locus notch homologue protein 1, hN1, Translocation associated notch protein, TAN1, TAN-1, Motch A, mT14, p300, Motch, Mis6, Neurogenic locus notch protein homologue, NICD, Notch 1 intracellular domain, Notch gene homologue 1 (Drosophila), Notch homologue 1, translocation-associated (Drosophila), NOTCH Drosophila, homologue of 1
UniProt ID:	Q01705 - Mouse
Human Predicted Mass (KDa):	272.505 (2555 AA; P46531-1)
Observed SDS-PAGE Mass (KDa):	270 and 120 (degraded)

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 20-216 (extracellular N-terminus, EGF-like domains 1-5) of mouse Notch1
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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:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-430 was sufficient for detection of Notch1 in 20 µg of rat brain membrane lysate and assayed 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 >270 kDa protein, ~120 kDa protein and small fragments due to proteolysis.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	Does not cross-react with Notch 2 or Notch3.

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

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987