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anti-NOS1AP antibody (AA 437-466)

2 Images



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Overview	
Quantity:	400 μL
Target:	NOS1AP
Binding Specificity:	AA 437-466
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS1AP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This NOS1AP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 437-466 amino acids from the Central region of human NOS1AP.
Clone:	RB27629
Isotype:	lg Fraction
Predicted Reactivity:	М
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	NOS1AP
Alternative Name:	NOS1AP (NOS1AP Products)

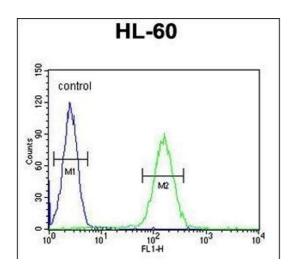
Target Details

Expiry Date:

rarget Details	
Background:	This gene encodes a cytosolic protein that binds to the signaling molecule, neuronal nitric oxide synthase (nNOS). This protein has a C-terminal PDZ-binding domain that mediates interactions with nNOS and an N-terminal phosphotyrosine binding (PTB) domain that binds to the small monomeric G protein, Dexras1. Studies of the related mouse and rat proteins have shown that this protein functions as an adapter protein linking nNOS to specific targets, such as Dexras1 and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	56150
Gene ID:	9722
NCBI Accession:	NP_001119532, NP_001158229, NP_055512
UniProt:	075052
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

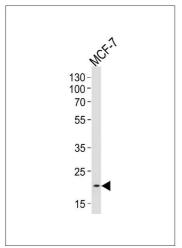
aliquots to prevent freeze-thaw cycles.

6 months



Flow Cytometry

Image 1. NOS1 Antibody (Center) 10269c flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of lysate from MCF-7 cell line, using NOS1 Antibody (Center) 10269c. 10269c was diluted at 1:1000 at each lane. A goat anti-rabbit lgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 μ g per lane.