

	<h1>NTAN1 Rabbit pAb</h1>	E 2 5 1 5 5 6 2
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Swiss-Prot No.:	Q96AB6
Altername:	NTAN1
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-310 of human NTAN1 (NP_775745.1).
Purification:	Affinity purified
Reactivity:	Human,Mouse,Rat
Other Names:	PNAA; PNAD
Cellular localization:	Cytoplasm
Relevance:	Side-chain deamidation of N-terminal asparagine residues to aspartate. Required for the ubiquitin-dependent turnover of intracellular proteins that initiate with Met-Asn. These proteins are acetylated on the retained initiator methionine and can subsequently be modified by the removal of N-acetyl methionine by acylaminoacid hydrolase (AAH). Conversion of the resulting N-terminal asparagine to aspartate by PNAD renders the protein susceptible to arginylation, polyubiquitination and degradation as specified by the N-end rule. This enzyme does not act on substrates with internal or C-terminal asparagines and does not act on glutamine

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	residues in any position, nor on acetylated N-terminal peptidyl Asn.
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	35kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:200 - 1:2000(Optimal dilutions should be determined by the end user)