Datasheet for ABIN2789787

anti-NEIL2 antibody (N-Term)

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1 Image

Overview

Quantity:	100 µL
Target:	NEIL2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEIL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	GDAGRWLRVS FGLFGSVWVN DFSRAKKANK RGDWRDPSPR LVLHFGGGGF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NEIL2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NEIL2
Alternative Name:	NEIL2 (NEIL2 Products)
Background:	NEIL2 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family.

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Target Details

	These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction. Alias Symbols: FLJ31644, MGC2832, MGC4505, NEH2, NEI2 Protein Interaction Partner: TRIM27, REL, MEOX1, UBC, ELAVL1, KEAP1, EP300, Protein Size: 271
Molecular Weight:	30 kDa
Gene ID:	252969
NCBI Accession:	NM_001135747, NP_001129219
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 271 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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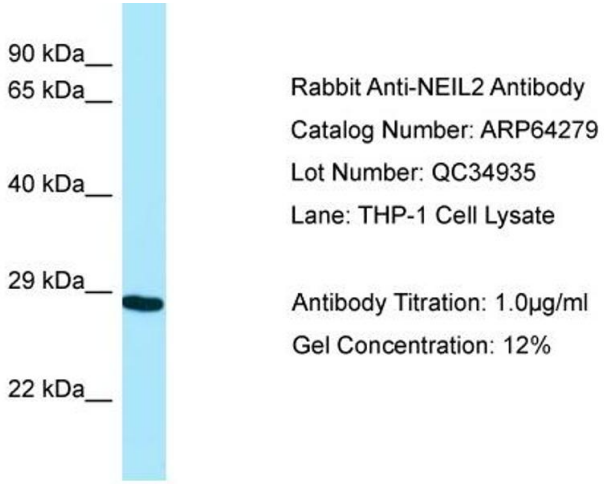

Western Blotting

Image 1.

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