

Datasheet for ABIN2787523
anti-NFE2 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	NFE2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Cow, Guinea Pig, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFE2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NFE2
Sequence:	KPLSLSGLLS EPLQDPLALL DIGLPAGPPK PQEDPESDSG LSLNYSDAES
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 92%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NFE2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NFE2
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Target Details

Alternative Name:	NFE2 (NFE2 Products)
Background:	NFE2 is required for activity at the locus control region (LCR) upstream of the globin gene complexes. It requires p18 NF-E2 for binding to the NF-E2 motif. NFE2 may play a role in all aspects of hemoglobin production: globin synthesis, heme synthesis, and the procurement of iron. Alias Symbols: NF-E2, p45 Protein Interaction Partner: BTRC, NFE2L3, NFE2L2, NFE2, ATF4, Dlg4, TXN, ITCH, Yap1, Nedd4, WWP1, MAPK8, KAT2B, SCAND1, SSX5, HMGN1, ELF5, PHYHIP, MAFF, MAFG, PEX14, MAFK, CREBBP, Protein Size: 373
Molecular Weight:	41 kDa
Gene ID:	4778
NCBI Accession:	NM_006163 , NP_006154
UniProt:	Q16621

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 373 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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-NFE2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: 293T cell lysate