

Datasheet for ABIN2777229
anti-NFE2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NFE2
Binding Specificity:	C-Term
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 C-terminal region of MOUSE Nfe2
Sequence:	ARGEADRTLE VMRQQLAELY HDIFQHLRDE SGNSYSPEEY VLQQAADGAI
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Nfe2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NFE2
Alternative Name:	Nfe2 (NFE2 Products)

Target Details

Background:	Nfe2 is a component of the NF-E2 complex essential for regulating erythroid and megakaryocytic maturation and differentiation. It binds to the hypersensitive site 2 (HS2) of the beta-globin control region (LCR). This subunit (NFE2) recognizes the TCAT/C sequence of the AP-1-like core palindrome present in a number of erythroid and megakaryocytic gene promoters. It requires MAFK or other small MAF proteins for binding to the NF-E2 motif. It may play a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron. Alias Symbols: 45 kDa, NF-E2, p45, p45NFE2, p45nf-e2 Protein Interaction Partner: Psmd4, Kmt2d, Rbbp5, Wdr5, Ash2l, Men1, Mafk, H3f3a, Crebbp, Mapk8, Trip4, Plrg1, Pdlm4, Zfp292, Gtf2h2, Zscan2, Ubp1, Tsg101, Tial1, Supt4a, Snai1, Kdm5d, Kdm5c, Dpf2, Per1, Kat2b, Mybbp1a, Orc2, Ikbkg, Hoxb4, Hoxa4, Hcls1, Gtf2h1, Foxn2, E4f1, Dlx5, Ci Protein Size: 373
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Molecular Weight: 41 kDa

Gene ID: 18022

NCBI Accession: [NM_008685](#), [NP_032711](#)

UniProt: [Q07279](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

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 repeat 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

