

Datasheet for ABIN6242346
anti-FOXN4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | FOXN4 |
| Binding Specificity: | AA 436-470, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FOXN4 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This FOXN4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 436-470 amino acids from the C-terminal region of human FOXN4. |
| Clone: | RB52411 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|---|
| Target: | FOXN4 |
| Alternative Name: | FOXN4 (FOXN4 Products) |
| Background: | Transcription factor essential for neural and some non- neural tissues development, such as |

Target Details

retina and lung respectively. Binds to an 11-bp consensus sequence containing the invariant tetranucleotide 5'-ACGC-3'. During development of the central nervous system, is required to specify the amacrine and horizontal cell fates from multipotent retinal progenitors while suppressing the alternative photoreceptor cell fates through activating DLL4- NOTCH signaling. Also acts synergistically with ASCL1/MASH1 to activate DLL4-NOTCH signaling and drive commitment of p2 progenitors to the V2b interneuron fates during spinal cord neurogenesis. In development of non-neural tissues, plays an essential role in the specification of the atrioventricular canal and is indirectly required for patterning the distal airway during lung development (By similarity).

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| Molecular Weight: | 55215 |
|-------------------|-------|

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| UniProt: | Q96NZ1 |
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Application Details

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| Application Notes: | WB: 1:2000 |
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| Restrictions: | For Research Use only |
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Handling

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|---------|--------|
| Format: | Liquid |
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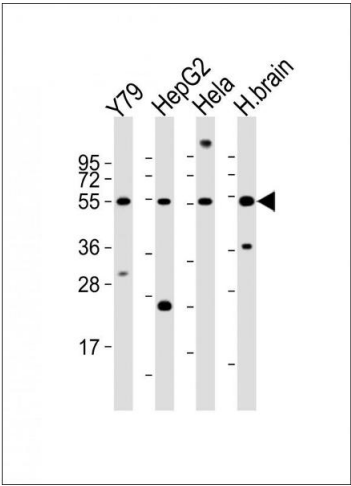
| | |
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| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Storage: | 4 °C,-20 °C |
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| Expiry Date: | 6 months |
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Western Blotting

Image 1. All lanes : Anti-FOXN4 Antibody (C-term) at 1:2000 dilution Lane 1: Y79 whole cell lysates Lane 2: HepG2 whole cell lysates Lane 3: Hela whole cell lysates Lane 4: human brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 55 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.