

Datasheet for ABIN7254925

anti-DNM2 antibody**3** Images[Go to Product page](#)

Overview

| | |
|--------------|---|
| Quantity: | 200 µL |
| Target: | DNM2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DNM2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
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| Immunogen: | A synthetic peptide of human DNM2 |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

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|-------------------|---|
| Target: | DNM2 |
| Alternative Name: | DNM2 (DNM2 Products) |
| Background: | Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that |

Target Details

accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.

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|-------------------|--|
| Molecular Weight: | Observed_MW: 110 kDa Calculated_MW: 97 kDa/98 kDa |
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|----------|------|
| Gene ID: | 1785 |
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|----------|------------------------|
| UniProt: | P50570 |
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| Pathways: | Toll-Like Receptors Cascades |
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Application Details

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| Application Notes: | WB 1:500-1:2000 IHC 1:50-1:200 |
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| Restrictions: | For Research Use only |
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Handling

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|---------|--------|
| Format: | Liquid |
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| Concentration: | 1 mg/mL |
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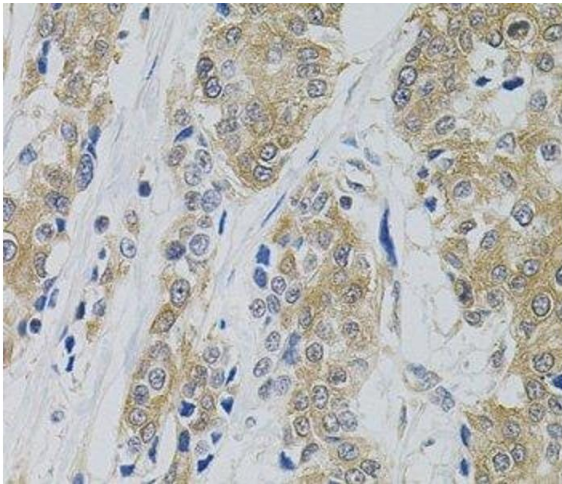
| | |
|---------|---|
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
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|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

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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. |
|--------------------|--|

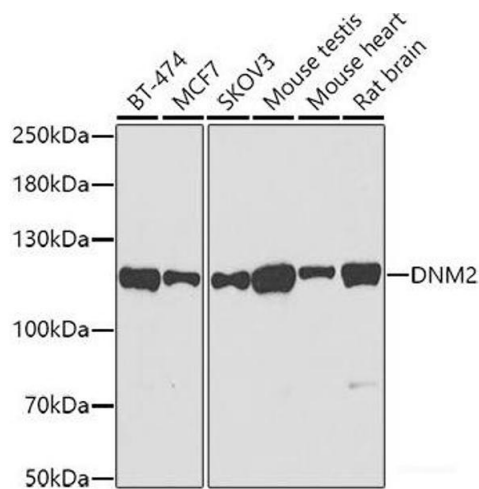
| | |
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| Storage: | -20 °C |
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| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |
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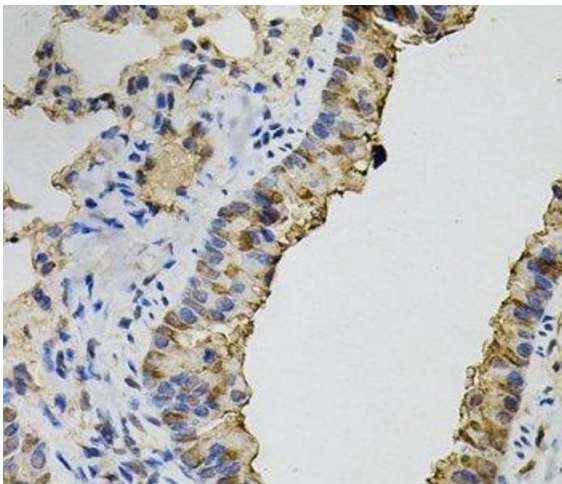
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human prostate cancer using DNM2 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using DNM2 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse lung using DNM2 Polyclonal Antibody