

# Product Datasheet

## NEK7 Antibody (HL1348) - Azide and BSA Free NBP3-25575

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-25575**

NEK7 Antibody (HL1348) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HL1348
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

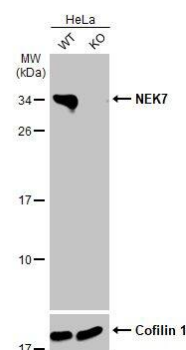
<b>Host</b>	Rabbit
<b>Gene ID</b>	140609
<b>Gene Symbol</b>	NEK7
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Xenopus (86%).
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human NEK7. The exact sequence is proprietary.

**Product Application Details**

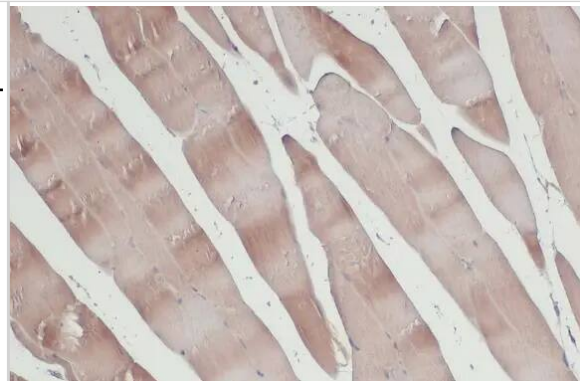
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

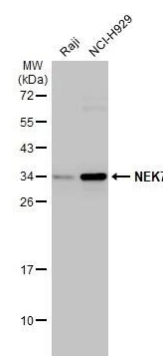
Knockout Validated: NEK7 Antibody (HL1348) - Azide and BSA Free [NBP3-25575] - Wild-type (WT) and NEK7 knockout (KO) HeLa cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with NEK7 antibody [HL1348] (NBP3-25575) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



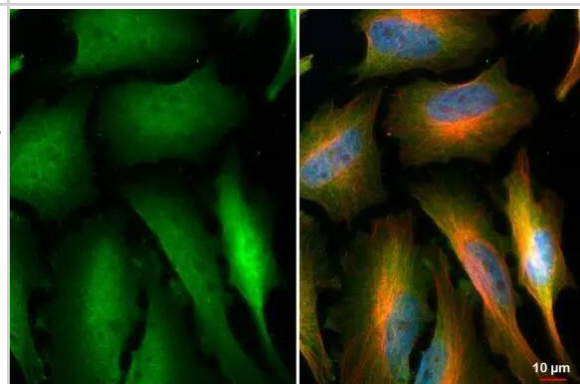
**Immunohistochemistry-Paraffin:** NEK7 Antibody (HL1348) - Azide and BSA Free [NBP3-25575] - NEK7 antibody [HL1348] detects NEK7 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse heart. NEK7 stained by NEK7 antibody [HL1348] (NBP3-25575) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



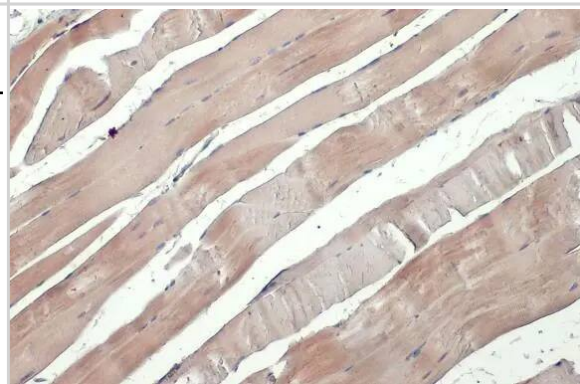
**Western Blot:** NEK7 Antibody (HL1348) - Azide and BSA Free [NBP3-25575] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with NEK7 antibody [HL1348] (NBP3-25575) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



**Immunocytochemistry/Immunofluorescence:** NEK7 Antibody (HL1348) - Azide and BSA Free [NBP3-25575] - NEK7 antibody [HL1348] detects NEK7 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: NEK7 stained by NEK7 antibody [HL1348] (NBP3-25575) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (NBP2-43837) diluted at 1:1000. Blue: Fluoroshield with DAPI .



**Immunohistochemistry-Paraffin:** NEK7 Antibody (HL1348) - Azide and BSA Free [NBP3-25575] - NEK7 antibody [HL1348] detects NEK7 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse muscle. NEK7 stained by NEK7 antibody [HL1348] (NBP3-25575) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23287	Recombinant Human NEK7 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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