

Product Datasheet

AK2 Antibody (JE64-27) NBP3-32013

Unit Size: 100 ul

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

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NBP3-32013

AK2 Antibody (JE64-27)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE64-27
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	26 kDa
Product Description	
Host	Rabbit
Gene ID	204
Gene Symbol	AK2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human AK2 aa 150-200/239. (Uniprot: P54819)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100



Images

Western Blot: AK2 Antibody (JE64-27) [NBP3-32013] - Western blot analysis of AK2 on different lysates with Rabbit anti-AK2 antibody at 1/1,000 dilution.

Lane 1: A549 cell lysate
Lane 2: HL-60 cell lysate
Lane 3: HepG2 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 26 kDa
Observed band size: 26 kDa

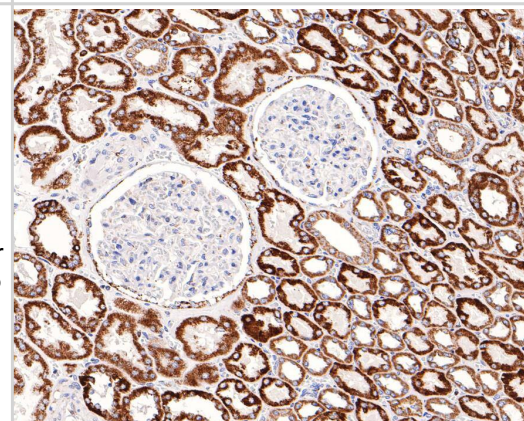
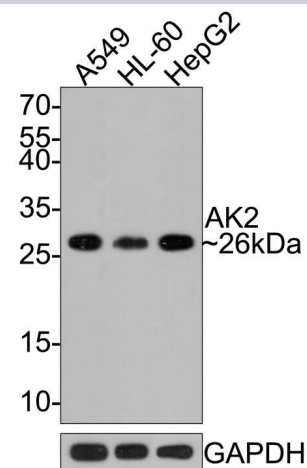
Exposure time: 2 minutes;

12 % SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody AK2 at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: AK2 Antibody (JE64-27) [NBP3-32013] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-AK2 antibody (NBP3-32013) at 1/100 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody AK2 at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32013

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18530	Recombinant Human AK2 His Protein

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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