

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	
Description	Novus Biologicals Rabbit AK2 Antibody (JE64-27) (NBP3-32013) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
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

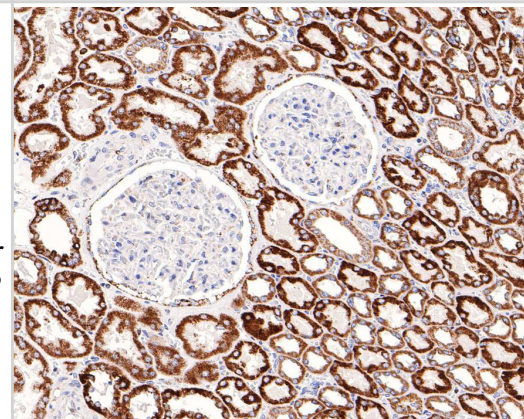
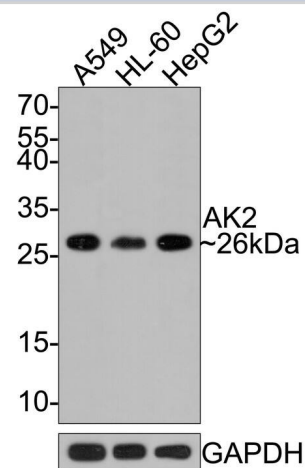
Exposure time: 2 minutes;

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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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