

## Product Datasheet

### AK4 Antibody (Center) (orb1788442)

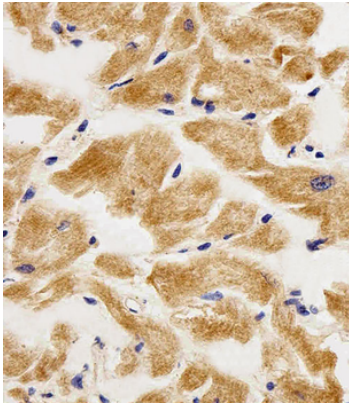
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IF, IHC-P, WB
<b>Immunogen</b>	119-153 aa
<b>Target</b>	This AK4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 119-153 amino acids from the Central region of human AK4.
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Polyclonal
<b>MW</b>	25268 Da
<b>Uniprot ID</b>	<b>P27144</b>
<b>Dilution Range</b>	IF: 1:25, WB: 1:1000, IHC-P: 1:25, IHC-P: 1:25, IHC-P: 1:25
<b>Expiration Date</b>	12 months from date of receipt.

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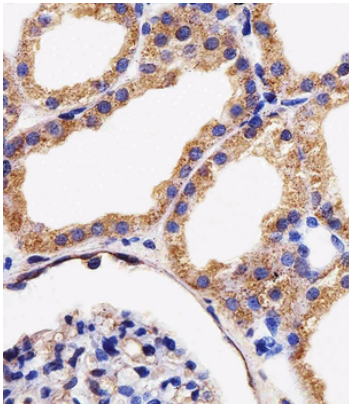
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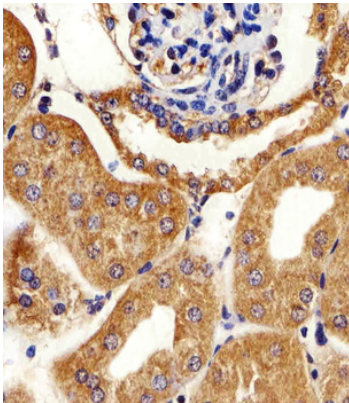
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Immunohistochemical analysis of paraffin-embedded H.heart section using AK4 Antibody (Center). Diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H.kidney section using AK4 Antibody (Center). Diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



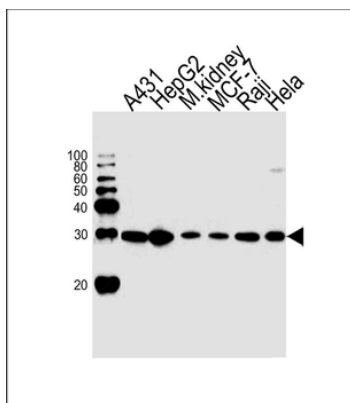
Immunohistochemical analysis of paraffin-embedded M.kidney section using AK4 Antibody (Center). Diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

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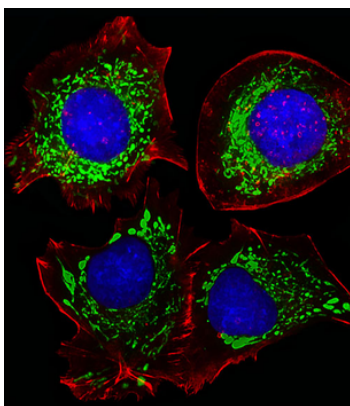
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Western blot analysis of lysates from A431, HepG2 cell line, mouse kidney tissue, MCF-7, Raji, HeLa cell line (from left to right), using AK4 Antibody (Center). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody.



Fluorescent image of HepG2 cells stained with AK4 Antibody (Center). Diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

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