

ARG64115 anti-ORP5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ORP5
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms. Variants (NP_663613.1; NP_001137535.1) encode the same isoform.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ORP5
Species	Human
Immunogen	KEEAFLRRRFSLC
Conjugation	Un-conjugated
Alternate Names	Oxysterol-binding protein-related protein 5; OBPH1; ORP-5; OSBP-related protein 5; ORP5; Oxysterol-binding protein homolog 1

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.2 - 0.6 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

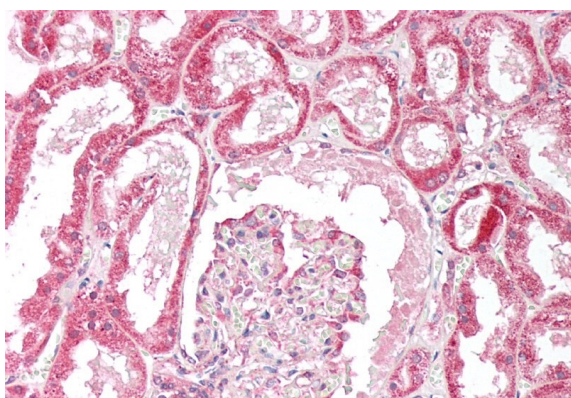
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 114879 Human Swiss-port # Q9H0X9 Human
Background	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors that play a key role in the maintenance of cholesterol balance in the body. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. This gene has been shown to be imprinted, with preferential expression from the maternal allele only in placenta. Transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2010]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	99 kDa

Images



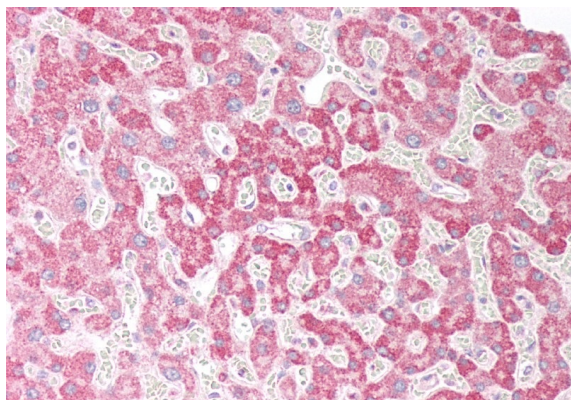
ARG64115 anti-ORP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64115 anti-ORP5 antibody at 5 µg/ml dilution followed by AP-staining.



ARG64115 anti-ORP5 antibody WB image

Western blot: 35 µg of Human spleen lysate (in RIPA buffer) stained with ARG64115 anti-ORP5 antibody at 0.2 µg/ml dilution and incubated at RT for 1 hour.



ARG64115 anti-ORP5 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64115 anti-ORP5 antibody at 5 μ g/ml dilution followed by AP-staining.