

Rabbit anti-Human, Rat OIP5 Polyclonal Antibody | anti-OIP5 antibody

OIP5 Antibody

CATALOG # AAA323041	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

OIP5; Polyclonal Antibody; OIP5 Antibody; 5730547N13Rik; Cancer/testis antigen 86; CT 86; CT86; hMIS18beta; LAP2alpha interactor 25; LINT 25; LINT25; MIS18B; MIS18beta; MS18B_HUMAN; OIP 5; OIP-5; Opa interacting protein 5; Opa-interacting protein 5; Protein Mis18-beta; anti-OIP5 antibody

PRODUCT SPECIFICATIONS

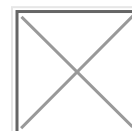
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	OIP5 antibody detects endogenous levels of OIP5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-OIP5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human OIP5.
Subcellular Location	Nucleus
Predicted Cross Reactivity	Pig
Similarity	Pig (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323041 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of PC-3 cells, using OIP5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OIP5 antibody	Function: Required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. Subunit Structure: Homodimer, and heterodimer with MIS18A (PubMed:17199038, PubMed:26921242). Identified in a complex containing MIS18A, OIP5/MIS18B, MIS18BP1, RBBP7 and RBBP4 (PubMed:17199038). Binds outer membrane protein OpaP from Neisseria gonorrhoeae (in vitro) (PubMed:9466265). Similarity: Belongs to the mis18 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	961513292
NCBI GeneID	11339
NCBI Accession #	NP_001304789.1
NCBI GenBank Nucleotide #	NM_001317860.1
UniProt Accession #	O43482; Q96BX7
Molecular Weight	Observed: 25 kD Predicted: 25 kDa
NCBI Official Full Name	protein Mis18-beta isoform 2
NCBI Official Synonym Full Names	Opa interacting protein 5
NCBI Official Symbol	OIP5
NCBI Official Synonym Symbols	CT86; MIS18B; LINT-25; MIS18beta; hMIS18beta; 5730547N13Rik
NCBI Protein Information	protein Mis18-beta
UniProt Protein Name	Protein Mis18-beta
UniProt Gene Name	OIP5
UniProt Synonym Gene Names	MIS18B; OIP-51 PublicationManual assertion based on opinion iniRef.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/oip5-antibody-immunohistochemistry-western-blot-elisa/323041>