

Rabbit anti-Human, mouse CYS1 Polyclonal Antibody | anti-CYS1 antibody

CYS1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287023	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

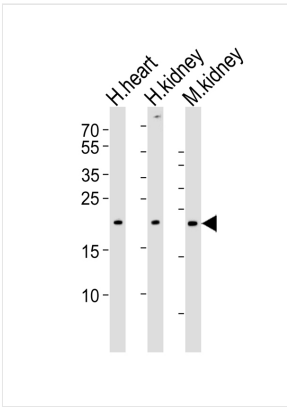
PRODUCT SYNONYMS

CYS1; Polyclonal Antibody; CYS1 Antibody (C-term); Cystin-1; Cilia-associated protein; anti-CYS1 antibody

PRODUCT SPECIFICATIONS

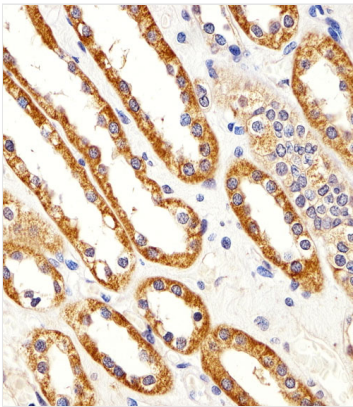
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This CYS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide with amino acid positions 128-158 of human CYS1.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	158
Applicable Applications for anti-CYS1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Cell projection, cilium membrane; Lipid-anchor. Cytoplasm, cytoskeleton, cilium axoneme. Note=Expression is enriched in the ciliary axoneme. Localization to cilium is mediated via interaction with UNC119 and UNC119B, which bind to the myristoyl moiety of the N- terminus
Tissue Location	Expressed at high levels in the kidney and pancreas. Moderate expression seen in the skeletal muscle, liver and heart. A weak expression seen in the brain, lung, uterus, prostate, testis, small intestine and colon
Preparation and Storage	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.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from human heart, human kidney and mouse kidney tissue lysate(from left to right), using CYS1 Antibody (C-term). AAA287023 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H.kidney section using CYS1 Antibody (C-term). AAA287023 was 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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CYS1 antibody	Crown Antibodies
References	Fliegauf M.,et al.Pediatr. Nephrol. 18:498-505(2003). Hou X.,et al.J. Clin. Invest. 109:533-540(2002). Wright K.J.,et al.Genes Dev. 25:2347-2360(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	81158080
NCBI GeneID	192668
NCBI Accession #	NP_001032237.1
NCBI GenBank Nucleotide #	NM_001037160.2
UniProt Accession #	Q717R9
NCBI Official Full Name	cystin-1
NCBI Official Synonym Full Names	cystin 1
NCBI Official Symbol	CYS1
NCBI Protein Information	cystin-1
UniProt Protein Name	Cystin-1
UniProt Gene Name	CYS1
UniProt Entry Name	CYS1_HUMAN

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.