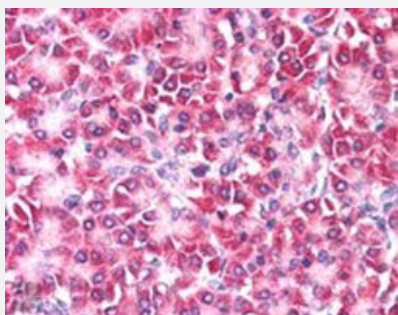


CCDC50 polyclonal antibody

Catalog # PAB6706

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CCDC50 polyclonal antibody (Cat # PAB6706, 5 ug/mL) staining of paraffin embedded human pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCDC50.
Immunogen	A synthetic peptide corresponding to human CCDC50.
Sequence	CFSKSESSHKGFHYK
Host	Goat
Theoretical MW (kDa)	56.3, 35.8
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms of human Ymer protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CCDC50 polyclonal antibody (Cat # PAB6706, 5 ug/mL) staining of paraffin embedded human pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCDC50

Entrez GeneID	152137
Protein Accession#	NP_848018.1;NP_777568.1
Gene Name	CCDC50
Gene Alias	C3orf6, DFNA44, YMER
Gene Description	coiled-coil domain containing 50
Omim ID	607453 611051
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a soluble, cytoplasmic, tyrosine-phosphorylated protein with multiple ubiquitin-interacting domains. Mutations in this gene cause nonsyndromic, postlingual, progressive sensorineural DFNA44 hearing loss. In mouse, the protein is expressed in the inner ear during development and postnatal maturation and associates with microtubule-based structures. This protein may also function as a negative regulator of NF-κB signaling and as an effector of epidermal growth factor (EGF)-mediated cell signaling. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	Ymer protein

Publication Reference

- [Temporal analysis of phosphotyrosine-dependent signaling networks by quantitative proteomics.](#)

Blagoev B, Ong SE, Kratchmarova I, Mann M.

Nature Biotechnology 2004 Sep; 22(9):1139.

Application: WB, Human, HeLa cells