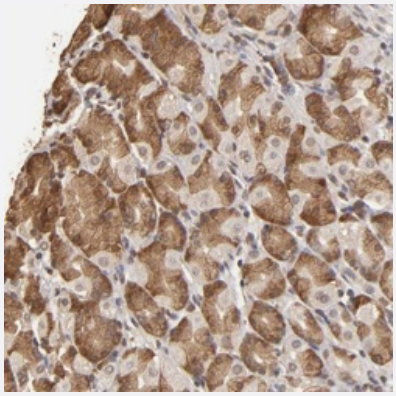
OPHN1 polyclonal antibody

Catalog # PAB28610 Size 100 uL

Applications



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

Immunohistochemical staining of human stomach with OPHN1 polyclonal antibody (Cat # PAB28610) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant OPHN1.
Immunogen	Recombinant protein corresponding to amino acids of human OPHN1.
Sequence	RVTARRHKPITISKRLLRERTVFYTSSLDESEDEIQHQTPNGTITSSIEPPKPPQHPKLPIQRSGETD PGRKSPSRPILDGKLEPCPEVDVGKLVSRLQDGGTKITPK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — OPHN1

Entrez GeneID	4983
Protein Accession#	O60890
Gene Name	OPHN1
Gene Alias	MRX60, OPN1
Gene Description	oligophrenin 1
Omim ID	300127 300486
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a Rho-GTPase-activating protein that promotes GTP hydrolysis of Rho subfa mily members. Rho proteins are important mediators of intracellular signal transduction, which aff ects cell migration and cell morphogenesis. Mutations in this gene are responsible for OPHN1-rel ated X-linked mental retardation with cerebellar hypoplasia and distinctive facial dysmorhphism. [provided by RefSeq
Other Designations	OTTHUMP00000023451|mental retardation, X-linked 60|oligophrenin-1, Rho-GTPase activating protein

Disease

- Angina Pectoris
- Cerebellar Diseases
- Coronary Vasospasm

- Facial Asymmetry
- Genetic Predisposition to Disease
- Mental Retardation
- Nervous System Malformations