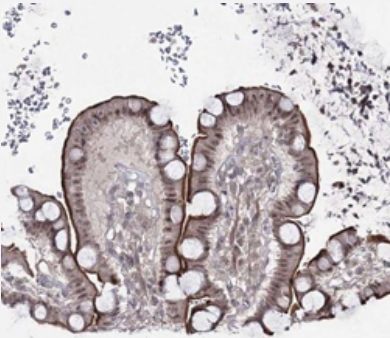


# HOXC11 polyclonal antibody

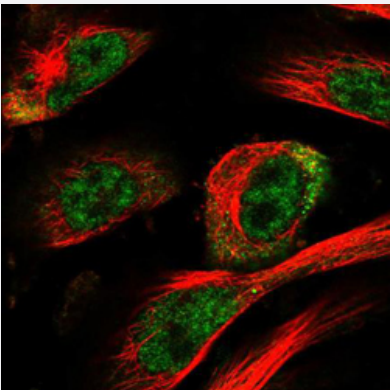
Catalog # PAB23260      Size 100 uL

## Applications



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

Immunohistochemical staining of human small intestine shows strong luminal membranous and nuclear positivity in glandular cells.



### Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG shows localization to nucleoplasm & cytosol.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant HOXC11.
Immunogen	Recombinant protein corresponding to amino acids of human HOXC11.
Sequence	STVSSFLPQAPSRQISYPYSAQVPPVREVSYLEPSGKWHHRNSYSSCYAAADELMHRECLPPS TVTEILMKNEGSYGGHHHPSAPHATPAGFYSSVNKNSVLP
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (0.25-2 ug/mL) Immunohistochemistry (1:50-1:200) 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 should be handled by trained staff only.

## Applications

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

Immunohistochemical staining of human small intestine shows strong luminal membranous and nuclear positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG shows localization to nucleoplasm & cytosol.

## Gene Info — HOXC11

Entrez GeneID	<a href="#">3227</a>
Protein Accession#	<a href="#">O43248</a>
Gene Name	HOXC11
Gene Alias	HOX3H, MGC4906
Gene Description	homeobox C11
Omim ID	<a href="#">605559</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. [provided by RefSeq]

**Other Designations**

homeobox C11|homeobox protein Hox-C11