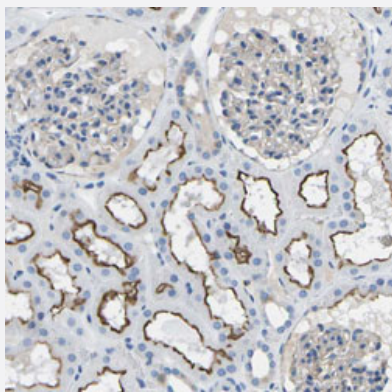


MC4R polyclonal antibody

Catalog # PAB30883 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with MC4R polyclonal antibody (Cat # PAB30883) shows distinct positivity in microvilli of proximal tubules.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human MC4R.
Immunogen	Recombinant protein corresponding to human MC4R.
Sequence	MVNSTHRGMHTSLHLWNRSSYRLHSNASESLGKGYSDDGGCYEQL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) 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

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Gene Info — MC4R

Entrez GeneID[4160](#)**Protein Accession#**[P32245](#)**Gene Name**

MC4R

Gene Alias

MGC126851, MGC138197

Gene Description

melanocortin 4 receptor

Omim ID[155541](#) [601665](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

OTTHUMP00000163654

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Apnea](#)
- [Appetite](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bulimia](#)
- [Cachexia](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Eating Disorders](#)
- [Edema](#)
- [Epilepsy](#)
- [Failure to Thrive](#)
- [Fatty Liver](#)
- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)

- [Hyperphagia](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [NARP](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Satiety Response](#)
- [Sleep Apnea](#)
- [Spasms](#)
- [Thinness](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)
- [Weight Loss](#)