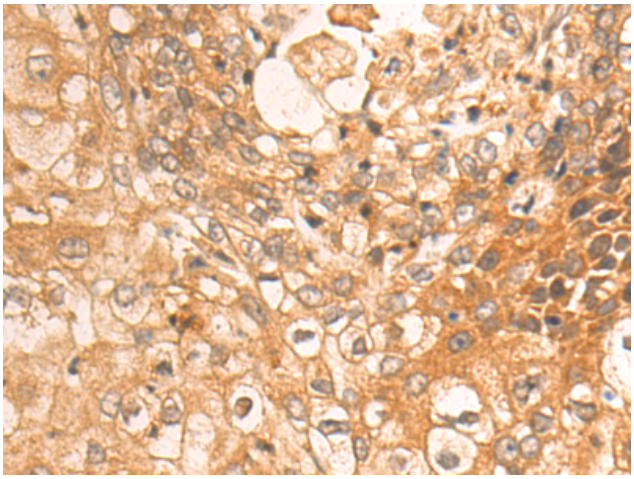
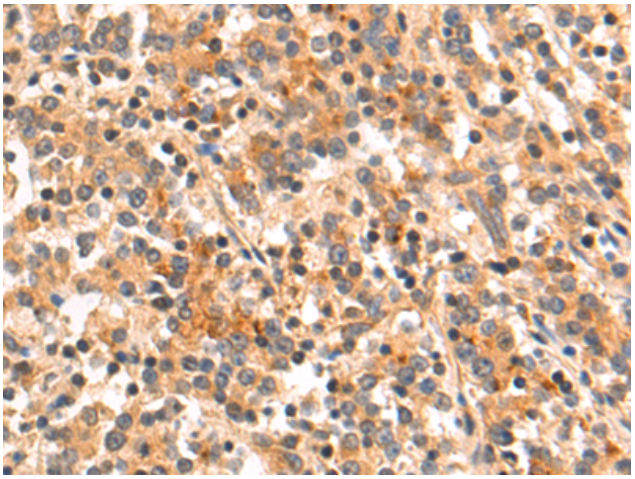
LEPR RABBIT PAB

Cat.#: S219885
Product Name: Anti-LEPR Rabbit Polyclonal Antibody
Synonyms: OBR; OB-R; CD295; LEP-R; LEPRD
UNIPROT ID: P48357 (Gene Accession - NP_002294)
Background: The protein encoded by this gene belongs to the gp130 family of cytokine receptors that are known to stimulate gene transcription via activation of cytosolic STAT proteins. This protein is a receptor for leptin (an adipocyte-specific hormone that regulates body weight), and is involved in the regulation of fat metabolism, as well as in a novel hematopoietic pathway that is required for normal lymphopoiesis. Mutations in this gene have been associated with obesity and pituitary dysfunction. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. It is noteworthy that this gene and LEPROT gene (GeneID:54741) share the same promoter and the first 2 exons, however, encode distinct proteins.
Immunogen: Synthetic peptide of human LEPR
Applications: ELISA, IHC
Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Cancer, Metabolism, Cardiovascular
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human esophagus cancer tissue using 219885(LEPR Antibody) at a dilution of 1/25(Cell membrane or Secreted).



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer tissue using 219885(Anti-LEPR Antibody) at a dilution of 1/25.