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Phospho-Leptin Receptor (Tyr1141) Rabbit Polyclonal Antibody

Catalog #: EAB14293

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, ELISA	132	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
ELISA(Enzyme-linked Immunosorbent Assay)	1:5000-20000

Product Information

Conjugate	Unconjugate
Specificity	Phospho-Leptin Receptor (Tyr1141) Rabbit Polyclonal Antibody detects endogenous levels of Leptin Receptor protein only when phosphorylated at Tyr1141.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol.
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks.
UniProt ID	P48357
Entrez-Gene ID	3953

Product Descriotion

Enables leptin receptor activity. Involved in several processes, including energy homeostasis; leptin-mediated signaling pathway; and positive regulation of cold-induced thermogenesis. Acts upstream of or within several processes, including glial cell proliferation; glycogen metabolic process; and negative regulation of gluconeogenesis. Predicted to be located in extracellular space and plasma membrane. Predicted to be part of receptor complex. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; limb segment; and skeleton. Used to study non-alcoholic fatty liver disease; obesity; and type 2 diabetes mellitus. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); non-alcoholic fatty liver disease (multiple); obesity; obstructive sleep apnea; and type 2 diabetes mellitus. Orthologous to human LEPR (leptin receptor).