

Rabbit Ob-R Polyclonal Antibody | anti-Ob-R antibody

Ob-R Rabbit Polyclonal Antibody

CATALOG # AAA318823	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS ELISA, Western Blot
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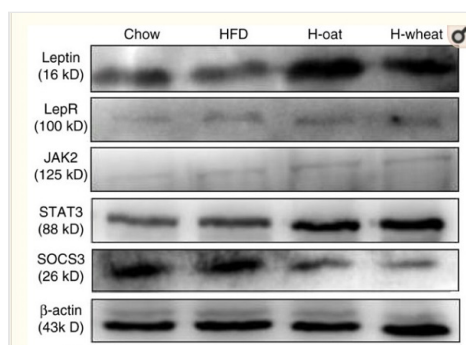
PRODUCT SYNONYMS

Ob-R; Polyclonal Antibody; Ob-R Rabbit Polyclonal Antibody; LEPR; DB; OBR; Leptin receptor; LEP-R; HuB219; OB receptor; OB-R; CD295; BH6842; anti-Ob-R antibody

PRODUCT SPECIFICATIONS

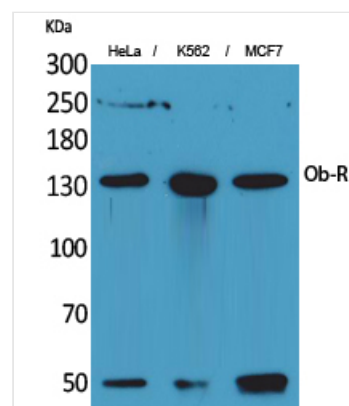
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	Ob-R Polyclonal Antibody detects endogenous levels of Ob-R protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Ob-R antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from Leptin receptor at AA range: 791-840
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



Application Data

Zhang, Ru, et al. "Effects of cereal fiber on leptin resistance and sensitivity in C57BL/6J mice fed a high-fat/cholesterol diet." Food & nutrition research 60.1 (2016): 31690.



WB (Western Blot)

Western Blot analysis of HeLa, K562, MCF7 cells using Ob-R Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

ADDITIONAL INFORMATION

Related Product Information for anti-Ob-R antibody	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 (PMID:9207021).[provided by RefSeq, Nov 2010]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51093379
NCBI GeneID	3953
NCBI Accession #	NP_001003679.1
NCBI GenBank Nucleotide #	NM_001003679.3
UniProt Accession #	P48357; Q13592; Q13593; Q13594; Q92919; Q92920; Q92921
Molecular Weight	132,494 Da
NCBI Official Full Name	leptin receptor isoform 3
NCBI Official Synonym Full Names	leptin receptor
NCBI Official Symbol	LEPR
NCBI Official Synonym Symbols	OBR; OB-R; CD295; LEP-R; LEPRD
NCBI Protein Information	leptin receptor; huB219; OB receptor
UniProt Protein Name	Leptin receptor
UniProt Gene Name	LEPR
UniProt Synonym Gene Names	DB; OBR; LEP-R; OB-R
UniProt Entry Name	LEPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ob-r-antibody-western-blot-elisa/318823>