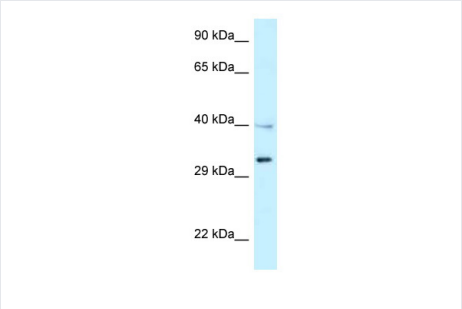
TNFRSF14 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNFRSF14, Polyclonal Antibody
Full Product Name	TNFRSF14 antibody - middle region
Product Gene Name	anti-TNFRSF14 antibody
Product Synonym Gene Name	ATAR; HVEA; HVEM; LIGHTR; TR2; CD270
Immunogen Sequence	Synthetic peptide located within the following region: VCGCSPGHFC IVQDGDHCAA CRAYATSSPG QRVQKGGTES QDTLCQNCPP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	31kDa
OMIM	602746
3D Structure	ModBase 3D Structure for Q92956
Homology	Human: 100%
Product Categories/Family for anti-TNFRSF14 antibody	Polyclonal; Various; Phosphorylation
Applications Tested/Suitable for anti-TNFRSF14 antibody	Western Blot (WB)
Related Product Information for anti-TNFRSF14 antibody	This is a rabbit polyclonal antibody against TNFRSF14. It was validated on Western Blot Target Description: The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor was identified as a cellular mediator of herpes simplex virus (HSV) entry. Binding of HSV viral envelope glycoprotein D (gD) to this receptor protein has been shown to be part of the viral entry mechanism. The cytoplasmic region of this receptor was found to bind to several TRAF family members, which may mediate the signal transduction pathways that activate the immune response.
Other Notes	Small volumes of anti-TNFRSF14 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFRSF14 purchase	MBS3215215 is an antibody targeting TNFRSF14. Also known as TNFRSF14 antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TNFRSF14 antibody
WB Suggested Anti-TNFRSF14 AntibodyTitration: 1.0 ug/mlPositive Control: NCI-H226
Whole Cell

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFRSF14. It may not necessarily be applicable to this product.

NCBI GI #	23200041
NCBI GeneID	8764
NCBI Accession #	NP_003811
UniProt Primary Accession #	Q92956
UniProt Related Accession #	Q92956
GenBank Nucleotide #	NM_003820
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 14 isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 14
NCBI Official Symbol	TNFRSF14
NCBI Official Synonym Symbols	TR2; ATAR; HVEA; HVEM; CD270; LIGHTR
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 14
UniProt Synonym Protein Names	Herpes virus entry mediator A; Herpesvirus entry mediator A; HveA; Tumor necrosis factor receptor-like 2; TR2; CD_antigen: CD270
Protein Family	Tumor necrosis factor receptor superfamily
UniProt Gene Name	TNFRSF14
UniProt Synonym Gene Names	HVEA; HVEM; Herpesvirus entry mediator A; HveA; TR2
UniProt Entry Name	TNR14_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 14
NCBI Summary for TNFRSF14	This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

UniProt Comments for TNFRSF14	TNFRSF14: Receptor for BTLA. Receptor for TNFSF14/LIGHT and homotrimeric TNFSF1/lymphotoxin-alpha. Involved in lymphocyte activation. Plays an important role in HSV pathogenesis because it enhanced the entry of several wild-type HSV strains of both serotypes into CHO cells, and mediated HSV entry into activated human T-cells. Protein type: Receptor, misc.; Membrane protein, integral; Cell cycle regulation Chromosomal Location of Human Ortholog: 1p36.32 Cellular Component: integral to plasma membrane; plasma membrane; external side of plasma membrane Molecular Function: viral receptor activity; protein binding; tumor necrosis factor receptor activity; ubiquitin protein ligase binding Biological Process: positive regulation of peptidyl-tyrosine phosphorylation; defense response to Gram-positive bacterium; entry of virus into host cell; cell surface receptor linked signal transduction; tumor necrosis factor-mediated signaling pathway; T cell costimulation; positive regulation of cytokine secretion during immune response; negative regulation of alpha-beta T cell proliferation; immune response; defense response to Gram-negative bacterium
Research Articles on TNFRSF14	**1.** Data suggest that both HVEM and UL144 bind a common epitope of BTLA, whether engaged in trans or in cis; these studies were conducted in cell lines representing B-lymphocytes, T-lymphocytes, and natural killer cells. (HVEM = human herpes virus entry mediator; UL144 = membrane glycoprotein UL144 of Human herpesvirus 5; BTLA = human B- and T-lymphocyte attenuator)
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