

Rabbit anti-Rat IL13RA2 Polyclonal Antibody | anti-IL13Ra2 antibody

Anti-IL13RA2 Antibody, Rabbit Polyclonal

CATALOG # AAA257303	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, ELISA
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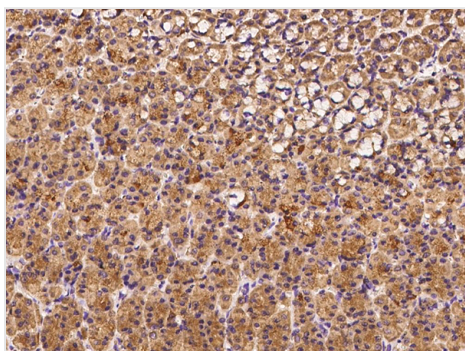
PRODUCT SYNONYMS

IL13RA2; Polyclonal Antibody; Anti-IL13RA2 Antibody; Rabbit Polyclonal; IL13RA2 Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 13 receptor; alpha 2; anti-IL13Ra2 antibody

PRODUCT SPECIFICATIONS

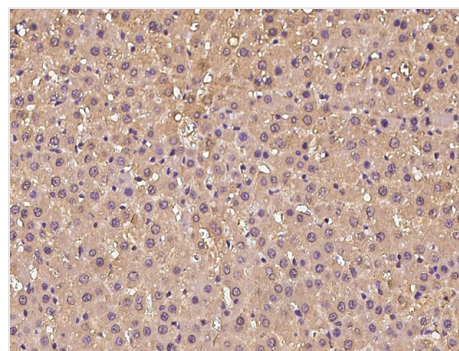
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat IL13RA2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IL13Ra2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Rat IL13RA2 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat IL13RA2 (rR IL13RA2). IL13RA2 specific IgG was purified by Rat IL13RA2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of rat IL13RA2 in rat stomach with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of rat IL13RA2 in rat liver with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-IL13Ra2 antibody	Interleukin-13 receptor subunit alpha-2 (IL13RA2/IL-13RA2) is also known as cluster of differentiation 213A2 (CD213A2), IL-13 receptor subunit alpha-2, IL-13R subunit alpha-2, and IL-13RA2. The IL13RA2 is often overexpressed in brain tumors, making IL13ra2 one of the vaccine targets for immunotherapy of glioma. IL13RA2/IL-13RA2 is a cancer-associated receptor that is present in greater than 80% of High-Grade Astrocytomas (HGA) and has recently been recognized as a cytokine that predisposes breast cancer cells to metastasize. Expression of IL13Ralpha2 was rapidly lost from the surface of transduced cells grown in culture. The loss appeared to be related to ligands present in fetal bovine serum in the medium. None of the malignant glioma cell lines cultivated in vitro and tested to date exhibited the IL13Ralpha2 receptor. A recombinant virus (R5111) enters cells via its interaction with the IL13Ralpha2 receptor in a manner that cannot be differentiated from the interaction of wild-type virus with its receptors.
References	Zhou G, et al.. (2005) Characterization of a recombinant herpes simplex virus 1 designed to enter cells via the IL13Ralpha2 receptor of malignant glioma cells. J Virol. 79(9): 5272-7.Osawa M, et al.. (2000) Characterization of the mouse interleukin-13 receptor alpha1 gene. Immunogenetics. 51(11): 974-81.Nair BG, et al.. (2011) Nanotechnology platforms; an innovative approach to brain tumor therapy. Med Chem. 7(5): 488-503.Benson M, et al.. (2006) A network-based analysis of the late-phase reaction of the skin. J Allergy Clin Immunol. 118(1): 220-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81916005
NCBI GeneID	171060
UniProt Accession #	Q8VHK6
Molecular Weight	44,622 Da
NCBI Official Full Name	Interleukin-13 receptor subunit alpha-2
NCBI Official Synonym Full Names	interleukin 13 receptor subunit alpha 2
NCBI Official Symbol	IL13ra2
NCBI Official Synonym Symbols	IL-13R-alpha-2
NCBI Protein Information	interleukin-13 receptor subunit alpha-2
UniProt Protein Name	Interleukin-13 receptor subunit alpha-2
UniProt Gene Name	IL13ra2
UniProt Synonym Gene Names	IL-13 receptor subunit alpha-2; IL-13R subunit alpha-2; IL-13R-alpha-2; IL-13RA2

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/il13ra2-antibody-immunohistochemistry-elisa/257303>