Datasheet for ABIN749483
anti-RTN4RL2 antibody (AA 241-337)

4	Images

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Overview

Quantity:	100 μL
Target:	RTN4RL2
Binding Specificity:	AA 241-337
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTN4RL2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IFNGR2
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RTN4RL2
Alternative Name:	NGR2 (RTN4RL2 Products)
Background:	Synonyms: AF-1, IFGR2, IMD28, IFNGT1, Interferon gamma receptor 2, IFN-gamma receptor 2,

Target Details

	IFN-gamma-R2, Interferon gamma receptor accessory factor 1, Interferon gamma transducer 1, IFNGR2
	Background: Part of the receptor for interferon gamma. Required for signal transduction. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2.
Gene ID:	3460
UniProt:	P38484

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

| Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

| Product cited in:	Xia, Gao, Zhang, Wang, Zhao, Che, Ao, Yang, Wang, Lei: "Autophagy mediated by arginine depletion activation of the nutrient sensor GCN2 contributes to interferon-γ-induced malignant transformation of primary bovine mammary epithelial cells." in: **Cell death discovery**, Vol. 2, pp. 15065, (2016) (PubMed).
	Kunis, Baruch, Rosenzweig, Kertser, Miller, Berkutzki, Schwartz: "IFN-?-dependent activation of

the brain's choroid plexus for CNS immune surveillance and repair." in: **Brain : a journal of neurology**, Vol. 136, Issue Pt 11, pp. 3427-40, (2013) (PubMed).
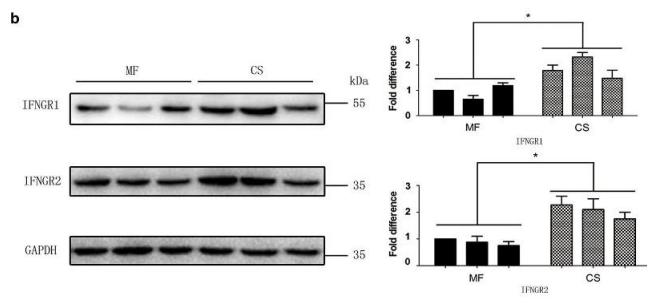
Images
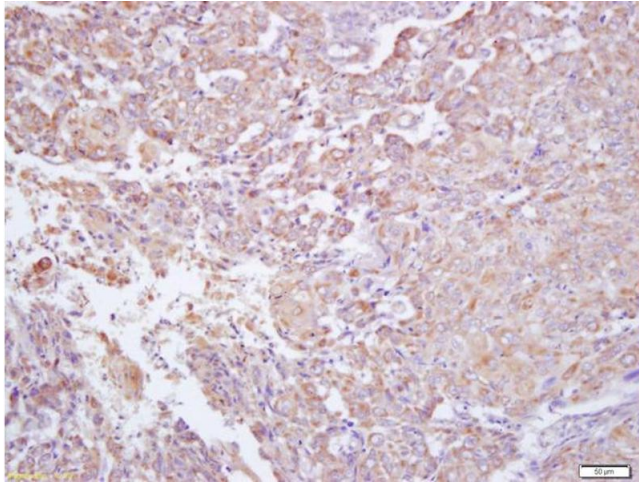
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human labeled with Anti-IFNGR2 Polyclonal Antibody, Unconjugated (ABIN749483) at 1:200 followed by conjugation to the secondary antibody and DAB staining
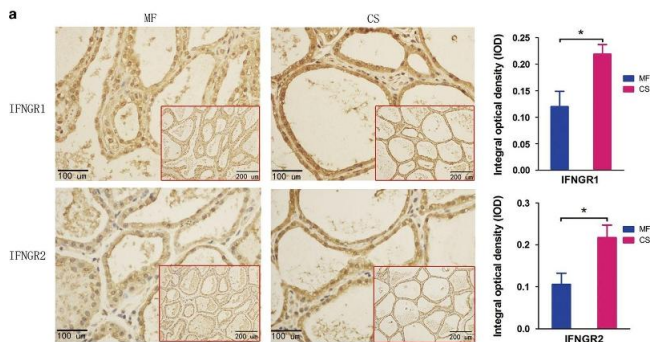
Immunohistochemistry

Image 2. Expression of IFNGRs in cow mammary glands. Two groups of Holstein cows were fed with mixed forage (MF) or corn straw (CS). The experimental period was 12 weeks, and the pre-feeding period was 3 weeks. At the end of the feeding trial, the expression levels of IFNGR1 and IFNGR2 in mammary tissue (obtained via biopsy) were analysed using immunohistochemical staining and western blot analysis. (a) Immunohistochemical staining of IFNGR1 and IFNGR2. Scale bars, 100µm. Insets (scale bars, 200µm) show the overall presence of the brown colour indicating IFNGR1 and IFNGR2. Statistical analysis of the grey colour intensity (right). The data represent the mean±S.E.M. of three independent experiments. Error bars are±S.E.M. One-way ANOVA, *P<0.05. (b) Detection of IFNGRs via western blot analysis as described in the Materials and Methods section. The data represent the mean±S.E.M. of three independent experiments. Error bars are ±S.E.M. One-way ANOVA, *P<0.05. - figure provided by CiteAb. Source: PMID27551491

Images

Please check the product details page for more images. Overall 4 images are available for ABIN749483.