SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IL17RA antibody

Catalog Number: SL23053R

FOR RESEARCH USE ONLY

[DATASHEET]

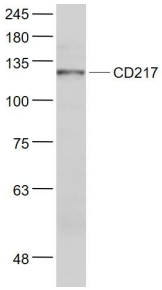
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IL17RA
Immunogen:	KLH conjugated synthetic peptide derived from mouse IL-17R/IL-17RA/CD217: 168-178/864aa <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat)
Predicted MW.:	92kDa
Subcellular Location:	The cell membrane Secretory protein
Background:	Interleukin 17A (IL17A)is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. [provided by RefSeq] **Function:** Receptor for IL17A and IL17F. Binds its IL17A ligand with low affinity, suggesting that additional components are involved in IL17A-induced signaling. **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Tissue Specificity:** Widely expressed. **Post-translational modifications:** Glycosylated.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

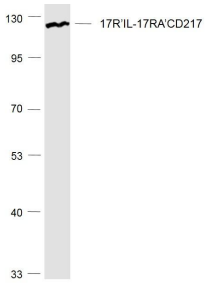
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	DISEASE: Defects in IL17RA are the cause of familial candidiasis type 5 (CANDF5) [MIM:613953]. CANDF5 is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans. **Similarity:** Contains 1 SEFIR domain. **Database links:** **Entrez Gene:** 23765 Human **Entrez Gene:** 16172 Mouse Omim: 605461 Human **SwissProt:** Q96F46 Human **SwissProt:** Q60943 Mouse **Unigene:** 48353 Human **Unigene:** 4481 Mouse

[VALIDATION IMAGES]



Sample:
Thymus (Mouse) Lysate at 40 ug
Primary: Anti- CD217 (SL23053R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 92 kD
Observed band size: 120 kD



Sample:
SiHa (Human) Cell Lysate at 30 ug
Primary: Anti-17R'IL-17RA'CD217 (SL23053R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 120 kD
Observed band size: 120 kD

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