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[Primary Antibody]

Rabbit Anti-PLAC8 antibody

Catalog Number: SL15584R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PLAC8
Immunogen:	KLH conjugated synthetic peptide derived from human PLAC8 : 51-115/115
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:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	13kDa
Subcellular Location:	cytoplasmic Extracellular matrix
Background:	PLAC8 is a 115 amino acid protein belonging to the cornifelin family that is expressed at high levels in plasmacytoid dendritic cells and other organs of the immune system including lymph nodes, spleen, bone marrow and peripheral blood leukocytes, with lower expression in appendix, thymus and fetal liver. Human PLAC8 shares 83% homology with murine PLAC8, where it has been identified in placenta from 9.5-18.5 days postcoitum. The gene encoding PLAC8 maps to human chromosome 4, which represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric

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	dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease **Function:** **Subunit:** **Tissue Specificity:** Expressed at high levels in plasmacytoid dendritic cells. High expression in spleen, lymph nodes, peripheral blood leukocytes, and bone marrow, with lower expression in thymus, appendix, and fetal liver. **Post-translational modifications:** DISEASE: **Similarity:** Q9NZF1 **Database links:** **Entrez Gene:** 51316 Human Omim: 607515 Human **SwissProt:** Q9NZF1 Human **Unigene:** 546392 Human

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