

PLAC8 Rabbit pAb

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Catalog # AP56049

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9NZF1
Predicted	Rat, Dog, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12507
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PLAC8
Epitope Specificity	51-115/115
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
DISEASE	
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease

Additional Information

Gene ID	51316
Other Names	Placenta-specific gene 8 protein, Protein C15, PLAC8
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PLAC8
Tissue Location	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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.