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Rabbit Anti-PLAC8 antibody

SL15584R

Product Name:	PLAC8
Chinese Name:	胎盘特异基因8蛋白抗体
Alias:	C15; Onzin; PLAC8; PLAC8_HUMAN; Placenta specific 8; Placenta-specific gene 8 protein; Protein C15.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	13kDa
Cellular localization:	cytoplasmicExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PLAC8 :51-115/115
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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

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:

SWISS:
Q9NZF1

Gene ID:
51316

Database links:

Entrez Gene: 51316 Human

Omim: 607515 Human

SwissProt: Q9NZF1 Human

Unigene: 546392 Human

Important Note:
This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.