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Product datasheet for TA354856

PLAC1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the NON-phosphorylation site at Serine 156 surrounding the epitope -LSQSSQRP- of human Placenta-specific 1 protein. This sequence is derived from human origin.
Formulation:	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~22 kDa
Gene Name:	placenta specific 1
Database Link:	NP_068568 Entrez Gene 10761 Human Q9HBJ0

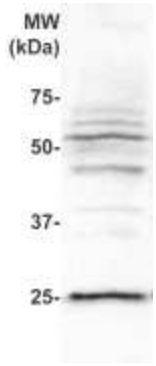
View online »

Background: The PLAC1, a placenta-specific gene, which encodes a putative cell surface protein, is highly expressed in placenta, testis, and wide range of human malignancies, most frequently in breast cancer, and essentially involved in cancer cells proliferation, migration and invasion. The activation of PLAC1 is selectively controlled by ubiquitous transcription factor SP1 and positively correlated between PLAC1 and ER-alpha in breast cancer. PLAC1 is also expressed in human hepatocellular cancer tissues as well as in several other types of cancer tissues and/or tumor cell lines. PLAC1 represents a new class of tumor associated antigen with restricted expression in placenta and cancer tissues, that may serve as a target for cancer vaccination.

Synonyms: CT92; OOSP2L

Protein Families: Secreted Protein

Product images:



WB: The cell lysate derived MCF-7 was separated onto 12% SDSPAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti-Non-Phosphospecific PLAC1 (Paired S156) at 1:500. An immunoreactive major band was observed at ~22 kDa.