

For Research Use Only

GMEB2 Polyclonal antibody

Catalog Number: 13314-1-AP



Basic Information

Catalog Number: 13314-1-AP	GenBank Accession Number: BC036305	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 26205	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9UKD1	IHC 1:20-1:200
Isotype: IgG	Full Name: glucocorticoid modulatory element binding protein 2	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG4157	Calculated MW: 530 aa, 56 kDa	
	Observed MW: 65-70 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human placenta tissue, mouse ovary tissue, mouse thymus tissue

IHC : human cervical cancer tissue,

IF/ICC : MCF-7 cells,

Background Information

GMEB2, also named as Glucocorticoid modulatory element-binding protein 2, is a 530 amino acid protein, which is expressed in peripheral blood lymphocytes and fetal liver. GMEB2 as a trans-acting factor that binds to glucocorticoid modulatory elements (GME) present in the TAT (tyrosine aminotransferase) promoter and increases sensitivity to low concentrations of glucocorticoids. The calculated molecular weight of GMEB2 is 56 kDa, but modified GMEB2 is about 65-70 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

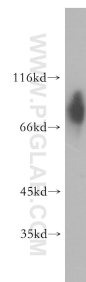
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

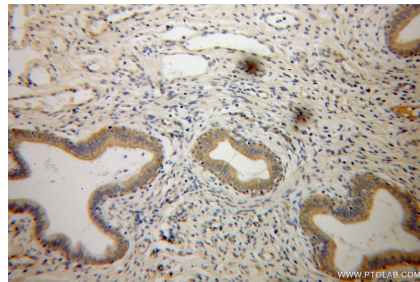
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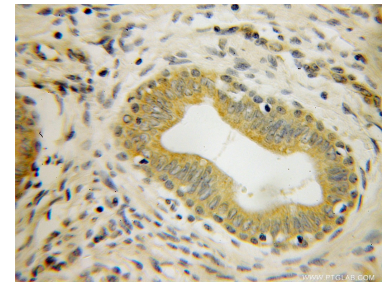
Selected Validation Data



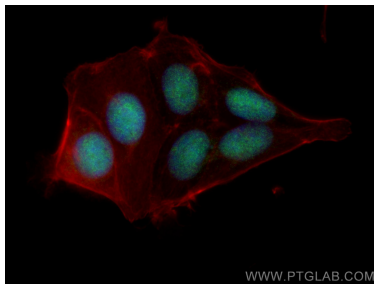
human placenta tissue were subjected to SDS PAGE followed by western blot with 13314-1-AP (GMEB2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13314-1-AP (GMEB2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13314-1-AP (GMEB2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using GMEB2 antibody (13314-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).