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Datasheet for ABIN1700555
anti-GMEB2 antibody (AA 101-200) (Biotin)

Overview

Quantity:	100 µL
Target:	GMEB2
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GMEB2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GMEB2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GMEB2
Alternative Name:	GMEB2 (GMEB2 Products)

Target Details

Background: Synonyms: GMEB2, DNA binding protein p79P, DNA-binding protein p79P, Glucocorticoid modulatory element binding protein 2, Glucocorticoid modulatory element-binding protein 2, GMEB 2, GMEB-2, Gmeb2, GMEB2_HUMAN, KIAA1269, P79P, Parvovirus initiation factor p79, P p79, P79, RP4 663D7.1.

Background: GMEB-2 is a DNA-binding protein that plays a crucial role modulating transcription upon activation by steroid hormones. GMEB-2 is ubiquitously expressed with preferential expression in developmentally important tissues, such as testis, bone marrow, placenta and fetal tissues. It localizes to the nucleus and cytoplasm and contains a SAND domain near its N-terminus and a C-terminal coiled coil structure. GMEB-2 functions as a homodimer or as a heterodimer with GMEB-1. The formed complex specifically binds to glucocorticoid modulatory elements (GME) in the promoter region of target genes and recruits the histone acetylase CREB binding protein (CBP) during glucocorticoid signaling. This acts to increase sensitivity to low concentrations of glucocorticoids. In addition, GMEB-2 functions as an auxiliary factor required for parvovirus replication.

Gene ID: 26205

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months