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Anti-Hydrophobestin Antibody

Catalog # AP51082

Product Information

Application	WB, IHC
Primary Accession	Q99674
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33456

Additional Information

Gene ID	10669
Other Names	CGR11; Cell growth regulator with EF hand domain protein 1; Cell growth regulatory gene 11 protein; Hydrophobestin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Hydrophobestin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

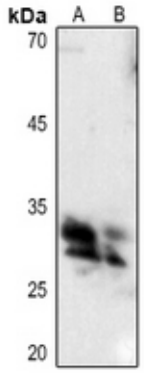
Protein Information

Name	CGREF1 (HGNC:16962)
Function	Mediates cell-cell adhesion in a calcium-dependent manner (By similarity). Able to inhibit growth in several cell lines.
Cellular Location	Secreted.

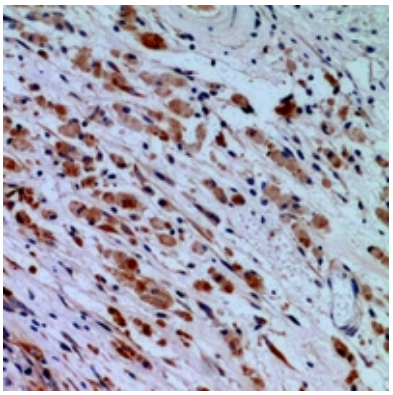
References

Madden S.L.,et al.Cancer Res. 56:5384-5390(1996).
Li W.B.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of Hydrophobestin expression in mouse liver (A), rat liver (B) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 32 kD)



Immunohistochemical analysis of Hydrophobestin staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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