

Product Datasheet

EREG Antibody (C-term) (orb35093)

Catalog Number	orb35093
Category	Antibodies
Description	Human polyclonal antibody to EREG
Target	EREG
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	Synthetic Peptide
UniProt ID	O14944
MW	19044
Tested applications	FC, IHC-P, WB
Dilution range	WB - 1:1000, IHC-P - 1:10-50, FC - 1:25
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

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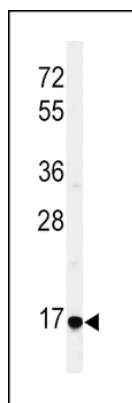
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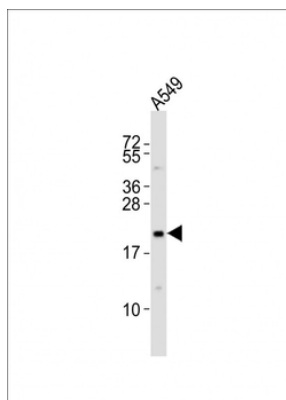
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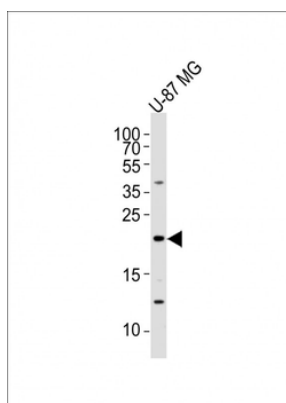
Note	For research use only
NCBI	NP_001423.1
Expiration Date	12 months from date of receipt.



Western blot analysis of EREG Antibody (C-term) in HepG2 cell line lysates (35 ug/lane). EREG (arrow) was detected using the purified Pab.



Anti-EREG Antibody (C-term) at 1:2000 dilution + A549 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 19 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-EREG Antibody (C-term) at 1:2000 dilution + U-87 MG whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 19 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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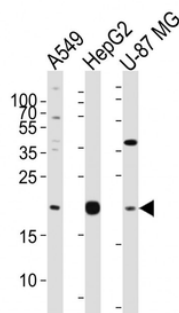
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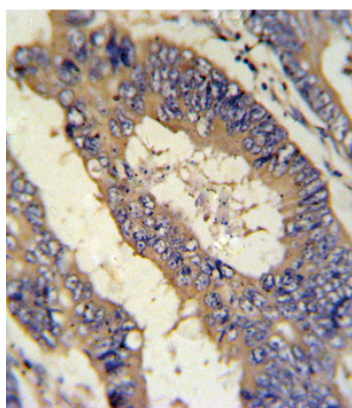
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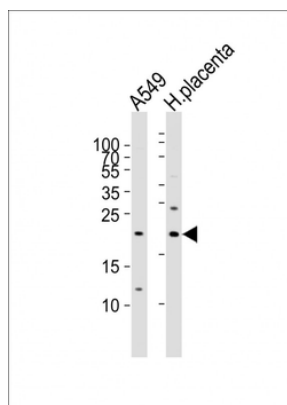
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Western blot analysis of lysates from A549, HepG2, U-87 MG cell line (from left to right), using EREG Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 ug per lane.



EREG Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the EREG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



All lanes: Anti-EREG Antibody (C-term) at 1:1000 dilution. Lane 1: A549 whole cell lysates. Lane 2: human placenta lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 19 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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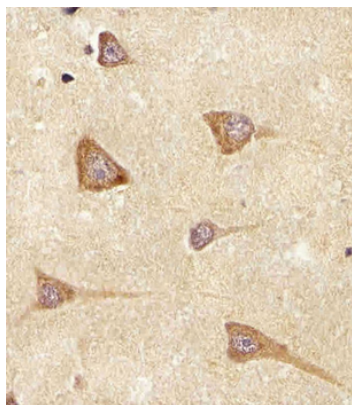
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Staining EREG in Human brain tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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