

Manufacturer/Supplier:

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Product name: Rabbit anti-ATF4 (pS245) Antibody

Catalog: DL92139A

Synonyms: CREB2; TXREB; Cyclic AMP-dependent transcription factor ATF-4; cAMP-dependent transcription factor ATF-4; Activating transcription factor 4; Cyclic AMP-responsive element-binding protein 2; CREB-2; cAMP-responsive element-binding protein 2; DNA-binding pr

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATF4 (pS245). The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Rabbit

Reactivity: Human, Mouse, Rat

Application: WB, IHC

Clonality: Polyclonal

Dilution: WB (1/500 - 1/1000),
IHC (1/100 - 1/200)

Entrez Gene: 468/11911/79255

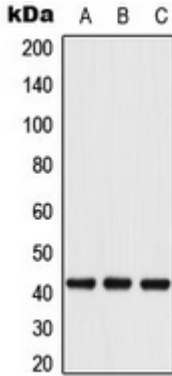
SwissProt: P18848/Q06507/Q9ES19

Purification: The antibody was purified by immunogen affinity chromatography.

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of ATF4 (pS245) expression in MCF7 (A), mouse heart (B), rat heart (C) whole cell lysates.



IHC description:

Immunohistochemical analysis of ATF4 (pS245) staining in human breast cancer 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.

Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.