

Product datasheet

Anti-ATF5 antibody [4G5] ab124274

2 Images

Overview

Product name	Anti-ATF5 antibody [4G5]
Description	Mouse monoclonal [4G5] to ATF5
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to internal sequence amino acids 101-200 of Human ATF5 with proprietary tag (AAH05174).
Positive control	Human pancreas and thyroid tissues.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Ascites
Clonality	Monoclonal
Clone number	4G5
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab124274** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 31 kDa.

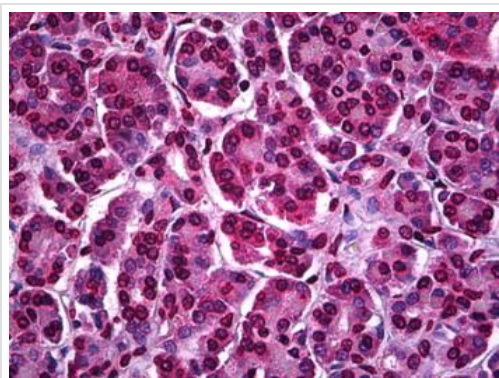
Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.

Target

Relevance ATF5 or Activating transcription factor 5, binds to cAMP inducible promoters and is involved in gene transcription. This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. ATF5 plays a role in inhibition of nerve growth factor induced neuronal outgrowth and regulation of neurogenesis.

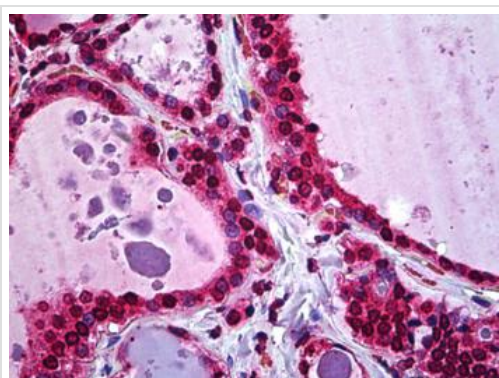
Cellular localization Cytoplasmic and Nuclear

Images



ab124274, at 5 µg/ml, staining ATF5 in paraffin-embedded Human pancreas tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ATF5 antibody [4G5] (ab124274)



ab124274, at 5 µg/ml, staining ATF5 in paraffin-embedded Human thyroid tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ATF5 antibody [4G5] (ab124274)

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