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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57977_P050-Biotin
Product Page	www.avivasysbio.com/atf5-antibody-middle-region-biotin-arp57977-p050-biotin.html
Name	ATF5 Antibody - middle region : Biotin (ARP57977_P050-Biotin)
Protein Size (# AA)	282 amino acids
Molecular Weight	31kDa
Conjugation	Biotin
NCBI Gene Id	22809
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Activating transcription factor 5
Alias Symbols	ATFX, HMFN0395
Peptide Sequence	Synthetic peptide located within the following region: LPPPQQPPPSPPQPSRLAPYHPATTRGDRKQKQRDQNKSAALRYRQRK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Zhou,D., (2008) J. Biol. Chem. 283 (11), 7064-7073
Description of Target	ATF5 belongs to the bZIP family. It is transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by CCND3 and slightly inhibited by CDK4. Loss of ATF5 is associated with hepatocellular carcinoma.
Protein Interactions	CEBPE; CEBPA; GIT2; ATXN1; EP300; CCND3; GABBR2; DISC1; GABBR1; CEBPG; CDC34; TRIB3; UBC; CD34;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ATF5 (ARP57977_P050-Biotin) antibody
Blocking Peptide	For anti-ATF5 (ARP57977_P050-Biotin) antibody is Catalog # AAP57977 (Previous Catalog # AAPP32388)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATF5
Uniprot ID	B3KND3
Protein Name	Cyclic AMP-dependent transcription factor ATF-5
Publications	Wei, Y. et al. Cdc34-mediated degradation of ATF5 is blocked by cisplatin. J. Biol. Chem. 283, 18773-81 (2008). WB, Human, Bovine, Pig, Horse, Rat, Guinea pig, Dog, Mouse, Zebrafish 18458088
Protein Accession #	NP_036200
Purification	Affinity Purified
Nucleotide Accession #	NM_012068
Gene Symbol	ATF5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 93%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (inner lines) and two light chains (outer lines), all connected at a central hinge region.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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