Product Datasheet

ACTH Antibody (AH26) [Alexa Fluor® 750] NBP2-33072AF750

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-33072AF750

ACTH Antibody (AH26) [Alexa Fluor® 750]

Unit Size0.1 mlConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneAH26Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 750PurityProtein A or G purifiedBufferSom M Sodium BorateGene ID5443Gene ID5443Gene SymbolPOMCSpeciesHuman, Mouse, RatReactivity NotesExpected to show broad species reactivity.MarkerPituitary MarkerSpeciesPituitary MarkerSpecies/specificity/SensitivityACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This monocional antibody is specific to Synacthen (aa1-24 of ACTH), does not react with CLIP (aa17-39 of ACTH). POMC (pro-opiomelanoccrin) or corticotropin-i) is a 267 amino acid polypeptide hormone precursor that goes through extensive, Lipotropin-beta, Lipotropin-beta, Superdisci Dynacthen (aa1-24 of ACTH), adoes and react with CLIP (corticotropin) is a 267 amino acid polypeptide hormone precursor that goes through extensive issue-specific posttranslational processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma, BSH-cluP, COTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma, BSH-cluP, corticotropin). Is a corticotropin is a so produced by the gamma, beta-endorphin and Met-enkephalin. ACTH is as bor produced by cells of immune system (T-cells, B-cells, and macrophages) in response to stimuli associated with stress. Anti-ACTH is a usefundant of pituit	Product Information	
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ClonalityMonoclonalCloneAH26Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 750PurityProtein A or G purifiedBuffer50mM Sodium BorateProduct DescriptionHouseHostMouseGene BD5443Gene SymbolPOMCSpeciesHuman, Mouse, RatReactivity NotesExpected to show broad species reactivity.MarkerPituitary MarkerSpecificity/SensitivityACTH (same as Corticotropin-) is a 39 amino acid active peptide produced by the anterior pituitary. This monoclonal antibody is specific to Synacthen (aa1-24 of ACTH); does not react with CLIP (aa17-39 of ACTH). POMC (pro- opinelancortin or corticotropin-) is a 267 amino acid polypeptide hormone precursor that goes through extensive, tissue-specific postranslational processing by convertases. POMC is cleaved into ten hormone chains named NFP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma- MSH, CLIP (corticotropin-like intermediary peptide). Lipotropin-beta, Lipotropin- gamma, beta-endrophin and Met-enkephalin. ACTH is also produced by cells of immune system (T-cellis, B-cells, and macrophages) in response to stimuli associated with stress. Anti-ACTH is a useful marker in classification of pituitary turors and the study of pituitary genese) in response to stimuli associated with stress. Anti-ACTH is a useful marker in classification of pituitary turors and the study of pituitary genese) in response to stimuli associated with stress. Anti-ACTH is a useful marker in classification of pituitary turors and the study of pituitary disease. It reacts with ACTH-producing cells (corticotrophs).It also mark eave	Concentration	
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Immunogen Synthetic peptide corresponding to aa1-24 of human ACTH (Uniprot: P01189)	Specificity/Sensitivity	anterior pituitary. This monoclonal antibody is specific to Synacthen (aa1-24 of ACTH); does not react with CLIP (aa17-39 of ACTH). POMC (pro- opiomelanocortin or corticotropin-lipotropin) is a 267 amino acid polypeptide hormone precursor that goes through extensive, tissue-specific posttranslational processing by convertases. POMC is cleaved into ten hormone chains named NPP, ACTH, alpha-MSH (Melanocyte Stimulating Hormone), beta-MSH, gamma- MSH, CLIP (corticotropin-like intermediary peptide), Lipotropin-beta, Lipotropin- gamma, beta-endorphin and Met-enkephalin. ACTH is also produced by cells of immune system (T-cells, B-cells, and macrophages) in response to stimuli associated with stress. Anti-ACTH is a useful marker in classification of pituitary tumors and the study of pituitary disease. It reacts with ACTH-producing cells (corticotrophs).It also may react with other tumors (e.g. some small cell
	Immunogen	Synthetic peptide corresponding to aa1-24 of human ACTH (Uniprot: P01189)



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Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Notes





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Rat ACTH ELISA Kit (Colorimetric)
Leptin/OB [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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