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Product Datasheet

ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) (CLIP/2040R), 1mg/mL, Clone: [CLIP/2040R], Rabbit, Monoclonal BOT-BNUM2040-50

Article Name	ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) (CLIP/2040R), 1mg/mL, Clone: [CLIP/2040R], Rabbit, Monoclonal
Biozol Catalog Number	BOT-BNUM2040-50
Supplier Catalog Number	BNUM2040-50
Alternative Catalog Number	BOT-BNUM2040-50-50UL
Manufacturer	Biotium
Host	Rabbit
Category	Antikörper
Application	IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to aa1-24 of human ACTH
Product Description	ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This MAb is specific to Synacthen (aa1-24 of ACTH), does not react with CLIP (aa17-39 of ACTH). POMC (pro-opiomelanocortin or corticotropin-lipotropin)...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[CLIP/2040R]

Molecular Weight	ACTH is ~5 kDa, and the POMC precursor is ~30 kDa. The molecular weight of POMC depends upon isoform variation and post-translational modifications.
UniProt	P01189
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology (formalin): 0.5-1 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user