

NOR-1 Polyclonal Antibody

Catalog NumberPA5-34012

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Dog, Human, Pig, Rabbit
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL
Immunogen	Synthetic 17 amino acid peptide from internal region of human NR4A3.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bovine, Dog, Elephant, Panda, Rabbit, Pig, Platypus (100%); Marmoset, Mouse, Rat, Bat, Hamster, Opossum, Turkey, Chicken (94%). For IHC(P), use proteinase K antigen retrieval. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

NOR-1, a NR4 nerve growth factor-like receptor, has been shown to affect neuronal development, T-cell apoptosis, and cancer development. NOR-1 binds to NBRE (NGFI-B response element) and regulates the pro-opiomelanocortin (POMC) gene. NOR-1 is induced rapidly but transiently by a variety of stimuli. Downregulation of NOR-1 and other NGFI-B family members is correlated with drug addiction-prone behavior of Lewis rats. Three human protein isoforms have been documented: NOR-1, NOR-1beta, and NOR-1 3' variant.

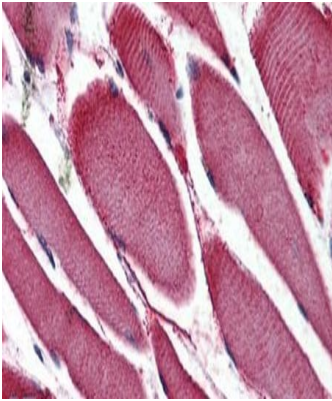
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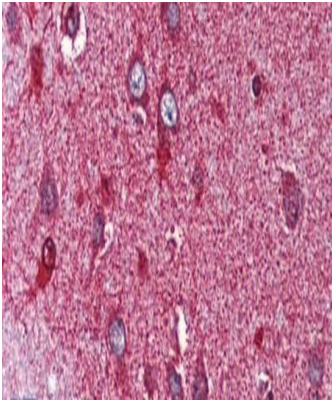
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Product Images For NOR-1 Polyclonal Antibody



NOR-1 Antibody (PA5-34012) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human skeletal muscle using a Nor-1/NR4A3 polyclonal antibody (Product # PA5-34012). Heat-induced antigen retrieval was performed prior to staining.



NOR-1 Antibody (PA5-34012) in IHC (P)

Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, cortex using a Nor-1/NR4A3 polyclonal antibody (Product # PA5-34012). Heat-induced antigen retrieval was performed prior to staining.

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