

## Orexin Polyclonal Antibody

Catalog Number **PA5-67575**

Product data sheet

Details		Species Reactivity	
Size	100 µl	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution * 1:25
Type	Antibody	* 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.	
Immunogen	Synthesized peptide derived from human Orexin.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.6 mg/ml		
Purification	affinity chromatography		
Storage buffer	PBS, pH 7.4, with 40% glycerol		
Contains	0.05% sodium azide		
Storage Conditions	-20°C		

### Product specific information

Predicted to react with Mouse and Rat samples.

### Background/Target Information

Neuropeptides that play a significant role in the regulation of food intake and sleep-wakefulness, possibly by coordinating the complex behavioral and physiologic responses of these complementary homeostatic functions. A broader role in the homeostatic regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested. Orexin-A binds to both OX1R and OX2R with a high affinity, whereas orexin-B binds only to OX2R with a similar high affinity.

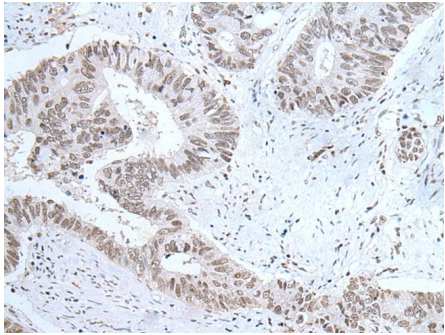
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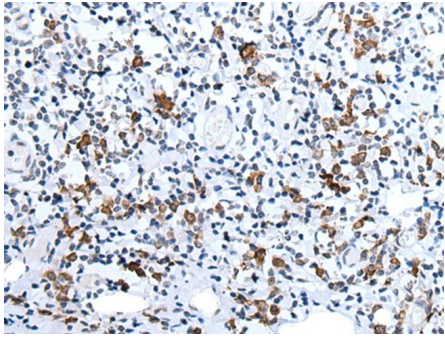
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Product Images For Orexin Polyclonal Antibody



**Orexin Antibody (PA5-67575) in IHC (P)**

Immunohistochemical analysis of Orexin in paraffin-embedded Human colorectal cancer tissue using a Orexin Polyclonal Antibody (Product # PA5-67575) at a 1:25 dilution. (Original magnification:  $\times 200$ ).



**Orexin Antibody (PA5-67575) in IHC (P)**

Immunohistochemical analysis of Orexin in paraffin-embedded Human tonsil tissue using a Orexin Polyclonal Antibody (Product # PA5-67575) at a 1:25 dilution. (Original magnification:  $\times 200$ ).

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