

ERAS Polyclonal Antibody

Catalog NumberPA5-23240

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:100
Immunogen	Synthetic peptide (178 VETSAKTRQGVVEAFSLL 195) of ERAS protein.	* 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	Conc. Not Determined		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

The human ERAS gene was initially reported as a processed pseudogene (HRasp, Ha-Ras2), with several base substitutions in coding regions, but was more recently described as potentially encoding a functional human ERAS protein. The ERAS oncogene supports the tumorigenic growth of embryonic stem cells by producing a constitutively active Ras protein. ERAS protein has less than 50% amino acid identity with H-Ras, another member of Ras family but the key domains essential for Ras function are highly conserved. The protein also contains amino-acid residues identical to those present in active mutants of Ras and causes oncogenic transformation in NIH 3T3 cells. Human ERAS gene is localized in the chromosomal region Xp11.23.

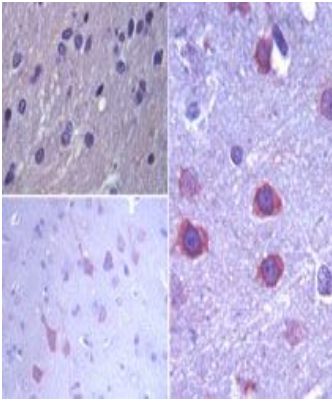
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Product Images For ERAS Polyclonal Antibody



**ERAS Antibody (PA5-23240) in IHC (P)**  
Immunohistochemical analysis of ERAS in paraffin-embedded formalin-fixed rat brain tissue using an isotype control (top, left) and a ERAS polyclonal antibody (Product # PA5-23240) (bottom left, and right) at 1:100.

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