

YEATS2 Polyclonal Antibody

Catalog NumberPA5-39537

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µg	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Host/Isotope	Rabbit / IgG		
Class	Polyclonal	<small>* 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.</small>	
Type	Antibody		
Immunogen	A synthetic peptide derived from the internal region of human YEATS2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	-20°C		

Background/Target Information

The YEATS domain-containing protein 2 (YEATS2) is a nuclear protein that is phosphorylated upon DNA damage by ATM or ATR and contains 1 YEATS domain. The gene encoding YEATS2 resides on chromosome 3, which contains about 214 million bases encoding over 1, 100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B.

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