



Catalog Number:	RA18023	Host:	Rabbit
Product Type:	Affinity Purified Rabbit Antibody	Species Reactivity:	Human; Rat; Mouse; Primate
Immunogen Sequence:	Synthetic peptide (KLH-coupled) derived from a sequence of human AP-2 α .	Format:	Liquid. Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol.
Applications	Western blotting: 1:1000 Immunoprecipitation: 1:50 Immunohistochemistry: (Paraffin) 1:300		
	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

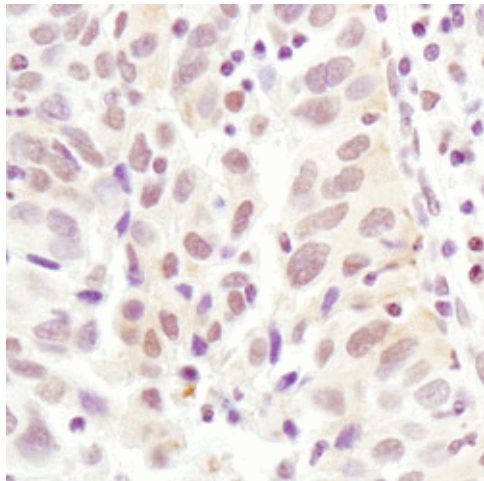
Application Notes

Specificity

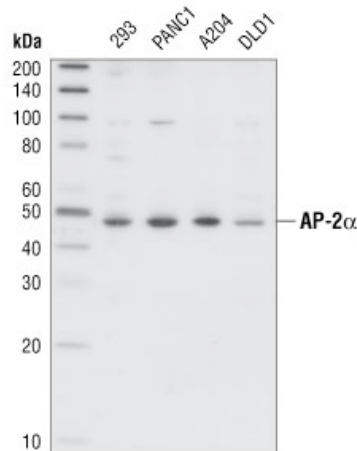
AP-2 α Antibody detects endogenous levels of total AP-2 α protein.

Description/Data:

The sequence-specific transcription factor activator protein 2 α (AP-2 α) is required for normal growth and morphogenesis during mammalian development. This includes development of the Neural Crest. Decreased or loss of AP-2 α expression has been observed in many different types of human cancers including breast cancer, ovarian cancer, melanoma and prostate cancer.



IHC Image: AP-2 α staining of paraffin-embedded human lung carcinoma.



WB Image: Western blot analysis of extracts from various cell lines.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. -V2/08/2012