Product **Datasheet**

Anti-RARA Rabbit pAb

WL04234

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-RARA Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat, Rabbit
Tested applications	Western blot 1:500-1:1000 Immunohistochemistry 1:200-1:400
	**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*
Molecular Wt.	51 kDa
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoeisis, and transcription of clock genes. The human RARα gene maps to chromosome 17 and is implicated in the chromosomal translocation associated with acute promyelocytic leukemia (APL-M3). Specifically, the RARα gene is fused with the promyelocytic leukemia (PML) gene, which encodes the fusion protein PML/RARα.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RARA.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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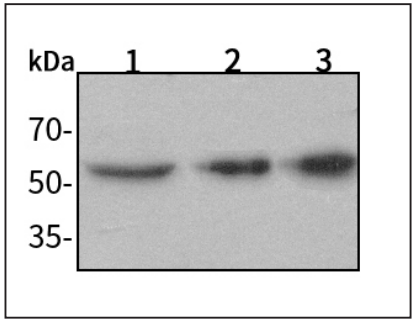
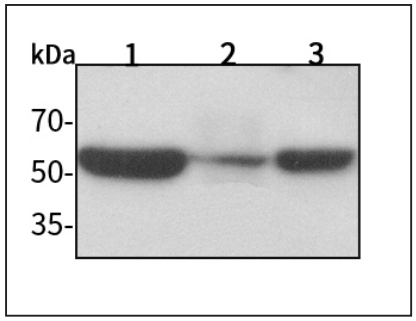
Product Images



Western blot-Anti-RARA pAb

Lane 1: Human Hela cell lysate 30µg
Lane 2: Human MCF-7 cell lysate 30µg
Lane 3: Human A549 cell lysate 30µg
Separation gel: 10% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1.5-2h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody（WLA023a）: 1:5000-1:10000, 45min
Detection: ECL, 30s-2min



Western blot-Anti-RARA pAb

Lane 1: Mouse kidney tissue lysate 30µg
Lane 2: Mouse liver tissue lysate 30µg
Lane 3: Rat stomach tissue lysate 30µg
Separation gel: 10% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1.5-2h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Secondary antibody（WLA023a）: 1:5000-1:10000, 45min
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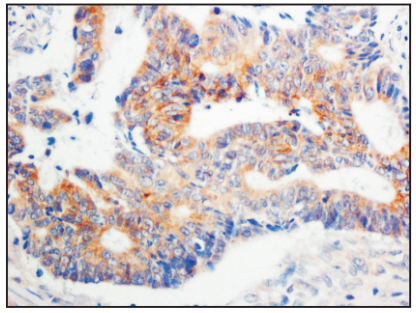

Immunohistochemistry-Anti-RARA pAb

Sample: Human colon cancer tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

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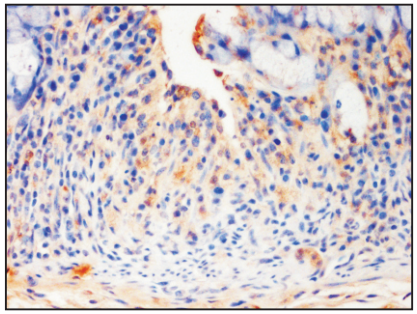
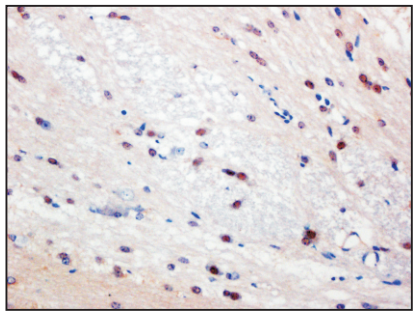


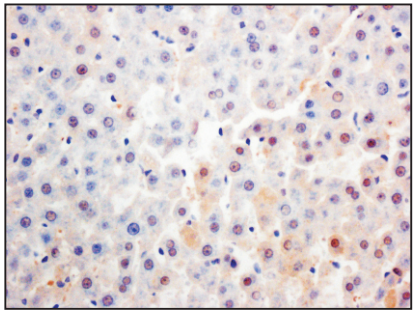
Immunohistochemistry-Anti-RARA pAb

Sample: Mouse colon tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunohistochemistry-Anti-RARA pAb

Sample: Mouse brain tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunohistochemistry-Anti-RARA pAb

Sample: Rat liver tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

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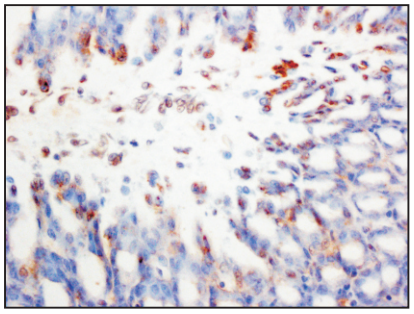
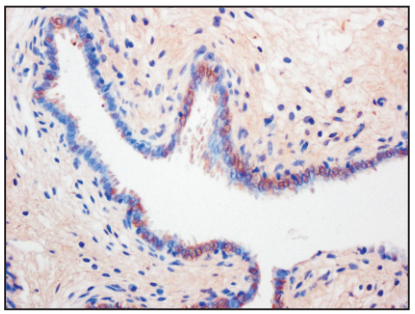


Immunohistochemistry-Anti-RARA pAb

Sample: Rat stomach tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB



Immunohistochemistry-Anti-RARA pAb

Sample: Rabbit uterus tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB

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