

Summary

Production Name	IgA Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC, WB, ELISA
Reactivity	Human, Rat, Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	IGHA1/IGHA2
Alternative Names	IGHA1; Ig alpha-1 chain C region; IGH A2; Ig alpha-2 chain C region
Gene ID	3493/3494
SwissProt ID	P01876/P01877. The antiserum was produced against synthesized peptide derived from human IgA. AA range: 227-276

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000..
Molecular Weight	38kD

Background

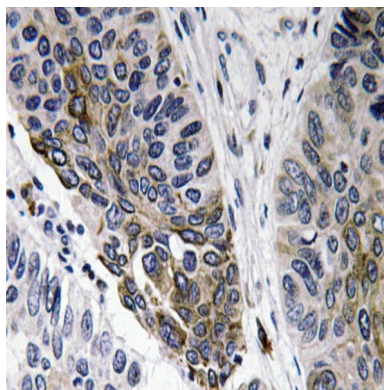
Product Name: IgA Rabbit Polyclonal Antibody
Catalog #: APRab12418



disease:A chromosomal aberration involving IGHA1 is found in multiple myeloma (MM) cell lines. Translocation t(1;14) (q21;q32) that forms a FCRL4-IGHA1 fusion protein.,function:Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system.,PTM:3-Hydroxykynurenine, an oxidized tryptophan metabolite that is common in biological fluids, reacts with alpha-1-microglobulin to form heterogeneous polycyclic chromophores including hydroxanthommatin. The chromophore reacts with accessible cysteines forming non-reducible thioether cross-links with Ig alpha-1 chain C region Cys-352.,similarity:Contains 3 Ig-like (immunoglobulin-like) domains.,subunit:Monomeric or polymeric.,disease:A chromosomal aberration involving IGHA1 is found in multiple myeloma (MM) cell lines. Translocation t(1;14)(q21;q32) that forms a FCRL4-IGHA1 fusion protein.,function:Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system.,PTM:3-Hydroxykynurenine, an oxidized tryptophan metabolite that is common in biological fluids, reacts with alpha-1-microglobulin to form heterogeneous polycyclic chromophores including hydroxanthommatin. The chromophore reacts with accessible cysteines forming non-reducible thioether cross-links with Ig alpha-1 chain C region Cys-352.,similarity:Contains 3 Ig-like (immunoglobulin-like) domains.,subunit:Monomeric or polymeric.,

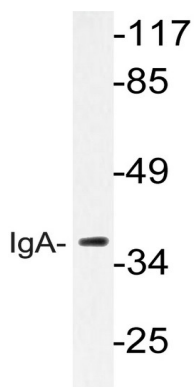
Research Area

Image Data

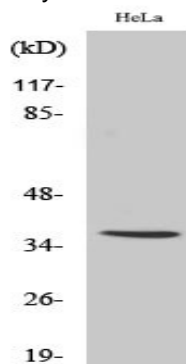


Immunohistochemistry analysis of IgA antibody in paraffin-embedded human lung carcinoma tissue.

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Western blot analysis of lysate from HeLa cells, using IgA antibody.



Western Blot analysis of various cells using IgA Polyclonal Antibody

Note

For research use only.