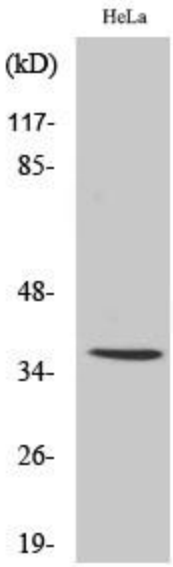
IgA Rabbit pAb

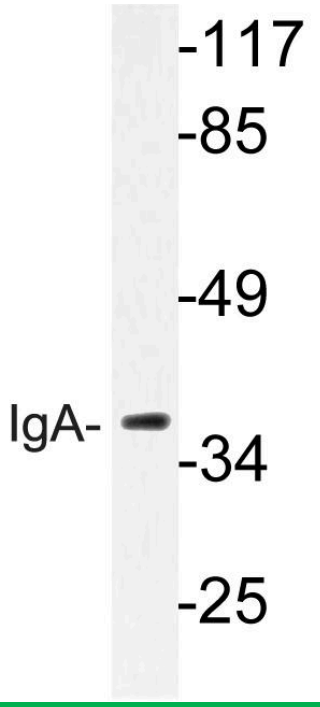
Catalog No	YP-Ab-18622
Isotype	IgG
Reactivity	Human
Applications	WB IHC IF ELISA
Gene Name	IGHA1/IGHA2
Immunogen	The antiserum was produced against synthesized peptide derived from human IgA. AA range:227-276
Specificity	IgA Polyclonal Antibody detects endogenous levels of IgA protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:40000; IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLJ14473;FLJ3565;FLJ355;FLJ3642;FLJ39698;FLJ41;FLJ41548;FLJ41552; FLJ41789;FLJ43248;FLJ43594;FLJ44293;FLJ4628;FLJ46621;FLJ46724; FLJ46811;FLJ46824;FLJ917;Ig alpha 1 chain C region;IgA1;IGHA1; immunoglobulin heavy constant alpha 1;MGC12857;A2m marker;Ig alpha 2 chain C region;IgA constant heavy chain 2;IGHA 2;IGHA2;IGHA2 protein; Immunoglobulin A2;Immunoglobulin Am2;immunoglobulin heavy constant alpha 2 (A2m marker);Immunoglobulin heavy constant alpha 2;IGHA1/IGHA2;Ig alpha-1 chain C region/Ig alpha-2 chain C region;Ig alpha-1 chain C region;Ig alpha-2 chain C region
Observed Band	38kD
Calculated Molecular Weight	37 kDa; 38kD,37kD(Calculated).
Cell Pathway	Secreted . Cell membrane .
Tissue Specificity	Bile,Colon,Mammary gland,Stomach mucosa,
Function	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.,
Background	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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

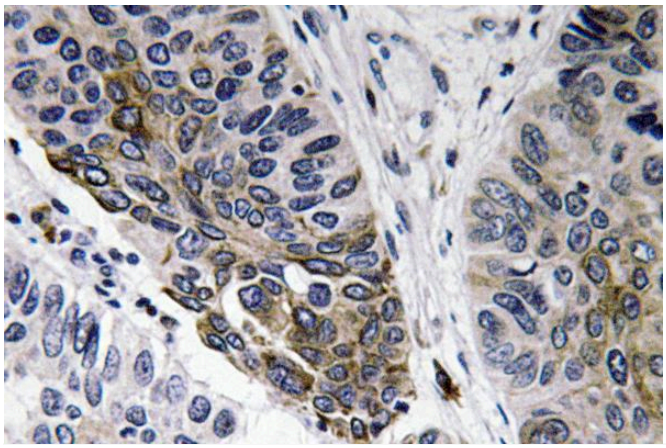
Products Images



Western Blot analysis of various cells using IgA Polyclonal Antibody



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



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