

IgA Polyclonal Antibody

Catalog No :	YT2281
Reactivity :	Human
Applications :	WB;IHC;IF;ELISA
Target :	IgA
Gene Name :	IGHA1/IGHA2
Protein Name :	Ig alpha-1 chain C region/Ig alpha-2 chain C region
Human Gene Id :	3493/3494
Human Swiss Prot No :	P01876/P01877
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 :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	38kD
Background :	disease:A chromosomal aberration involving IGH A1 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.,

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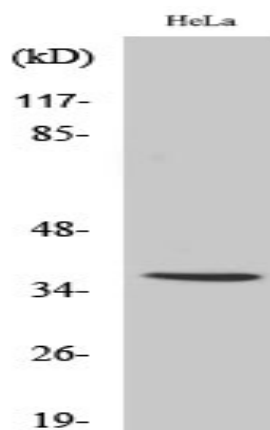
Subcellular Location :

Secreted . Cell membrane .

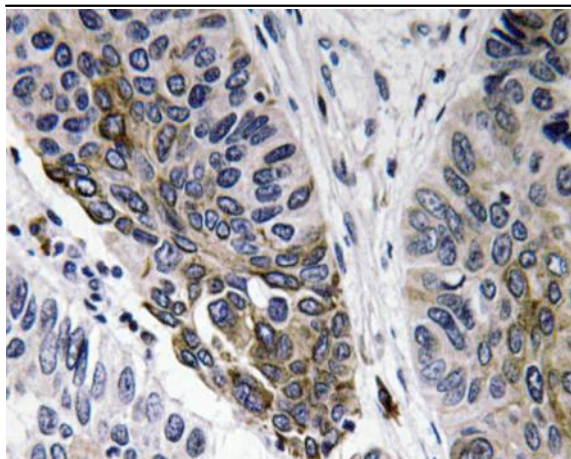
Expression :

Bile,Colon,Mammary gland,Stomach mucosa,

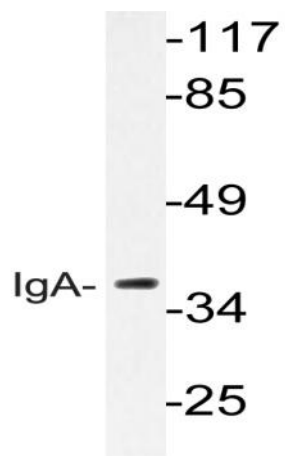
Products Images



Western Blot analysis of various cells using IgA Polyclonal Antibody



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



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