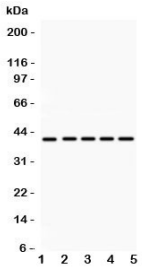
HOXA10 Antibody (R31630)

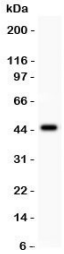
Catalog No.	Formulation	Size
R31630	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P31260
Gene ID	3206
Applications	Western Blot : 0.5-1ug/ml
Limitations	This HOXA10 antibody is available for research use only.



Western blot testing of HOXA10 antibody and Lane 1: rat kidney; 2: human placenta; 3: (h) HeLa; 4: (h) SW620; 5: mouse HEPA lysate. Predicted molecular weight: ~42kDa.



Western blot testing of HOXA10 antibody and recombinant human protein (0.5ng)

Description

Homeobox protein A10 is a protein that in humans is encoded by the HOXA10 gene. It is expressed in the adult human endometrium, and the expression dramatically increased during the midsecretory phase of the menstrual cycle, corresponding to the time of implantation and increase in circulating progesterone. HOXA10 may have an important function in regulating endometrial development during the menstrual cycle and in establishing conditions necessary for implantation in the human. HOXA10 is also a master regulator of postnatal hematopoietic development whose tight regulation is required for normal development of erythroid and megakaryocytic lineages.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the HOXA10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 57-340) was used as the immunogen for this HOXA10 antibody.

Storage

After reconstitution, the HOXA10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.