



# AIG-1 rabbit pAb

Cat No.:ES1616

For research use only

## Overview

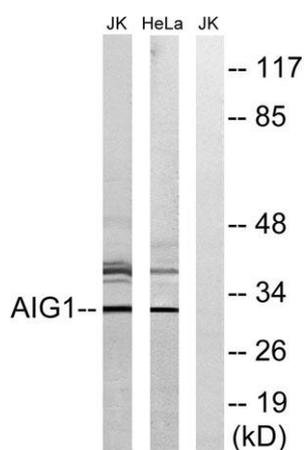
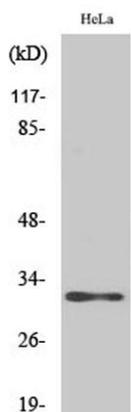
<b>Product Name</b>	AIG-1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AIG1. AA range:196-245
<b>Specificity</b>	AIG-1 Polyclonal Antibody detects endogenous levels of AIG-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Androgen-induced gene 1 protein
<b>Gene Name</b>	AIG1
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	32kD
<b>Human Gene ID</b>	51390
<b>Human Swiss-Prot Number</b>	Q9NVV5
<b>Alternative Names</b>	AIG1; CGI-103; Androgen-induced gene 1 protein; AIG-1
<b>Background</b>	function:May play a role in androgen-regulated growth of hair follicles.,induction:By dihydrotestosterone (DHT).,similarity:Belongs to the AIG1 family.,tissue specificity:Highly expressed in heart, ovary, testis, liver, and kidney, at lower levels in spleen, prostate, brain, skeletal muscle, pancreas,



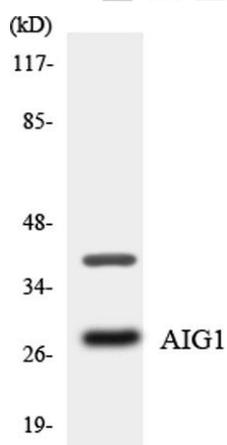


small intestine and colon, and undetected in peripheral blood leukocytes, thymus, lung and placenta. AIG1 expression is higher in hair follicles from males than from females.,

Western Blot analysis of various cells using AIG-1 Polyclonal Antibody



Western blot analysis of lysates from HeLa and Jurkat cells, using AIG1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using AIG1 antibody.

