



# RAI3 rabbit pAb

Cat No.:ES7943

For research use only

## Overview

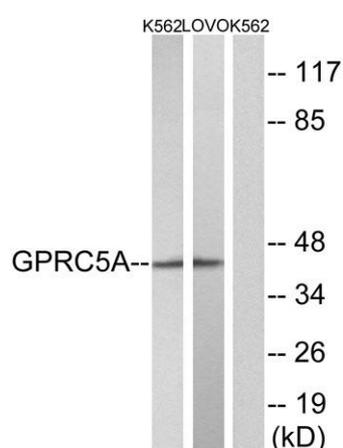
<b>Product Name</b>	RAI3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPRC5A. AA range:140-189
<b>Specificity</b>	RAI3 Polyclonal Antibody detects endogenous levels of RAI3 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>	Retinoic acid-induced protein 3
<b>Gene Name</b>	GPRC5A
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Localized in perinuclear vesicles, probably Golgi-associated vesicles. .
<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>	40kD
<b>Human Gene ID</b>	9052
<b>Human Swiss-Prot Number</b>	Q8NFJ5
<b>Alternative Names</b>	GPRC5A; GPCR5A; RAI3; RAIG1; Retinoic acid-induced protein 3; G-protein coupled receptor family C group 5 member A; Orphan G-protein-coupling receptor PEIG-1; Retinoic acid-induced gene 1 protein; RAIG-1



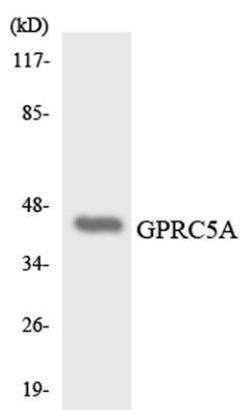


## Background

This gene encodes a member of the type 3 G protein-coupling receptor family, characterized by the signature 7-transmembrane domain motif. The encoded protein may be involved in interaction between retinoic acid and G protein signalling pathways. Retinoic acid plays a critical role in development, cellular growth, and differentiation. This gene may play a role in embryonic development and epithelial cell differentiation. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from K562 and LOVO cells, using GPRC5A Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using GPRC5A antibody.

