

**RAI3 rabbit pAb****Cat#: orb770818 (Manual)**

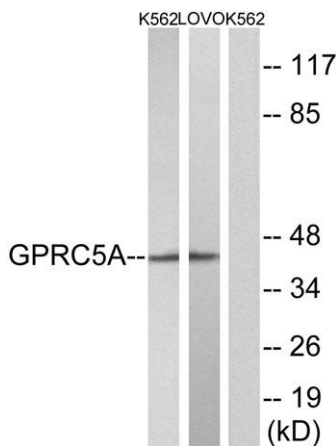
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<b>Product Name</b>	RAI3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<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.

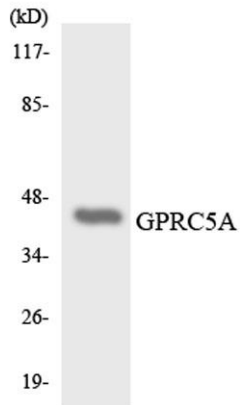
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	40kD
<b>Human Gene ID</b>	9052
<b>Human Swiss-Prot Number</b>	Q8NEJ5
<b>Alternative Names</b>	GPRC5A; GPCR5A; RAI3; RAIG1; Retinoic acid-induced protein 3; G-protein coupled receptor family C group 5 member A; Orphan G-protein-coupling 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 retinoid 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.