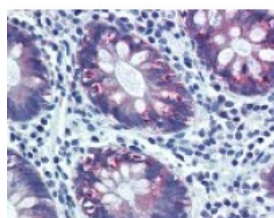




AGR2 Antibody

CATALOG NUMBER: 49-258



Immunohistochemistry staining of AGR2 in colon tissue using AGR2 Antibody.

Specifications

SPECIES REACTIVITY:	Bovine, Dog, Gibbon, Gorilla, Horse, Human, Monkey, Orangutan, Pig, Rabbit
TESTED APPLICATIONS:	ELISA, IHC
APPLICATIONS:	AGR2 antibody can be used in ELISA starting at 1:3000 - 1:12000, Western Blot starting at 1:500 - 1:2000, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	Researchers are encouraged to use the sequence and accession number (NP_006399.1) that were used to design the peptide immunogen in order to assess potential cross-reactivity to their species of interest. Does not recognize AGR3 (Verma et al, 2012).
IMMUNOGEN:	AGR2 antibody was raised against amino acids 55 - 72 of AGR2 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Protein G Column
PHYSICAL STATE:	Liquid
BUFFER:	PBS containing 0.05% BSA and 0.05% sodium azide
STORAGE CONDITIONS:	Store AGR2 antibody at 4 °C for short term applications. For long term storage, aliquot and -20 °C.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	AGR2, AG2, AG-2, HPC8, HAG-2, Secreted cement gland homolog, Anterior gradient homolog 2, GOB-4, PDIA17, XAG-2
ACCESSION NO.:	O95994
PROTEIN GI NO.:	67462105
OFFICIAL SYMBOL:	AGR2
GENE ID:	10551

Background

BACKGROUND: hAG-2 and hAG-3 are recently discovered human homologues of the secreted *Xenopus laevis* proteins XAG-1/2 (AGR-1/2) that are expressed in the cement gland, an ectodermal organ in the head associated with anteroposterior fate determination during early development. Although the roles of hAG-2 and hAG-3 in mammalian cells are unknown, both proteins share a high degree of protein sequence homology and lie adjacent to one another on chromosome 7p21.

FOR RESEARCH USE ONLY

December 13, 2016