Anti-HOXA1 Antibody (Internal)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17406

Specification

Anti-HOXA1 Antibody (Internal) - Product Information

Application	**WB, IHC-P, IF, ICC, IP**
Primary Accession	P49639
Predicted	**Human, Mouse, Rat, Zebrafish**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**36660**
Dilution	**WB~~1:1000**
	IHC-P~~N/A
	IF~~1:50~200
	ICC~~N/A
	IP~~N/A

Anti-HOXA1 Antibody (Internal) - Additional Information

Gene ID 3198

Alias Symbol   HOXA1
Other Names
HOXA1, BSAS, Homeobox A1, Homeobox protein Hox-1F, HOX A1 homeodomain protein, Lab-like protein, Homeobox protein Hox-A1, HOX1, Homeo box A1, Homeobox 1F, Hox 1.6-like protein, HOX1F

Target/Specificity
Recognizes endogenous levels of HOXA1 protein.

Reconstitution & Storage
PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
Anti-HOXA1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HOXA1 Antibody (Internal) - Protein Information

Name HOXA1

Synonyms HOX1F

Function
Sequence-specific transcription factor (By similarity). Regulates multiple developmental processes including brainstem, inner and outer ear, abducens nerve and cardiovascular development and

morphogenesis as well as cognition and behavior (PubMed:<a
href="http://www.uniprot.org/citations/16155570" target="_blank">16155570). Also part of a
developmental regulatory system that provides cells with specific positional identities on the
anterior-posterior axis. Acts on the anterior body structures. Seems to act in the maintenance
and/or generation of hindbrain segments (By similarity). Activates transcription in the presence of
PBX1A and PKNOX1 (By similarity).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:P09022}.

Anti-HOXA1 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HOXA1 Antibody (Internal) - Images