

# Anti-HOXA1 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS17406

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, IP
<b>Primary Accession</b>	<a href="#">P49639</a>
<b>Predicted</b>	Human, Mouse, Rat, Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36660
<b>Concentration (mg/ml)</b>	1 mg/ml

## Additional Information

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<b>Gene ID</b>	3198
<b>Alias Symbol</b>	HOXA1
<b>Other Names</b>	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
<b>Target/Specificity</b>	Recognizes endogenous levels of HOXA1 protein.
<b>Reconstitution &amp; Storage</b>	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.
<b>Precautions</b>	Anti-HOXA1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	HOXA1
<b>Synonyms</b>	HOX1F
<b>Function</b>	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="#">16155570</a> ). 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).
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:P09022}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.