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Datasheet for ABIN6741580
anti-HOXA5 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	HOXA5
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Pig, Rabbit, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Bat, Drosophila melanogaster, Monkey, Chicken, Hamster, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human HOXA5 (A2D5Y4, NP_061975). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Shrew, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Armadillo, Platypus, Lizard, Xenopus, Trout, Seabass, Salmon, Stickleback, Medaka, Pufferfish, Zebrafish, Drosophila, Water flea, Beetle (100%), Smelt (92%). Type of Immunogen: Synthetic peptide
Isotype:	IgG

Product Details

Specificity:	Human HOXA5
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Dog, Pig, Guinea pig, Zebrafish (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	HOXA5
Alternative Name:	HOXA5 (HOXA5 Products)
Background:	Name/Gene ID: HOXA5 Synonyms: HOXA5, Homeo box A5, Homeobox A5, Homeo box 1C, Homeobox protein Hox-1C, HOX1, Homeobox protein Hox-A5, Homeobox protein HOXA5, HOX1.3, HOX1C
Gene ID:	3202
NCBI Accession:	NP_061975
UniProt:	P20719

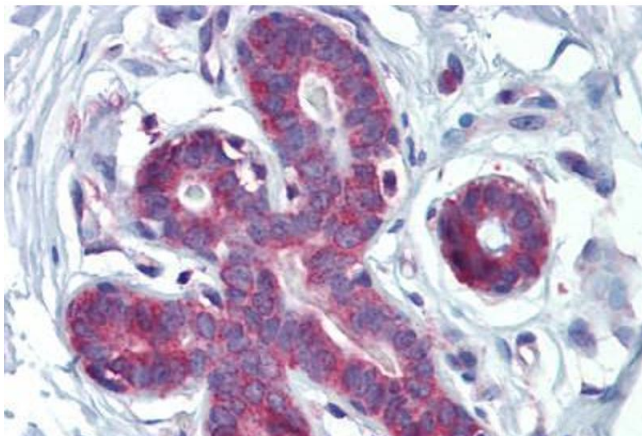
Application Details

Application Notes:	Approved: IHC, IHC-P (5 - 10 µg/mL), WB Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

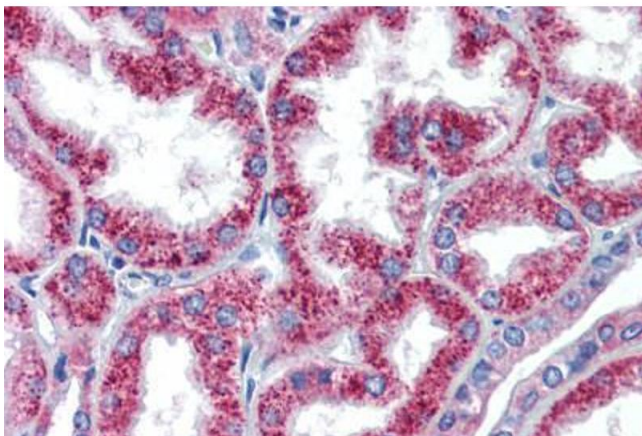
Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



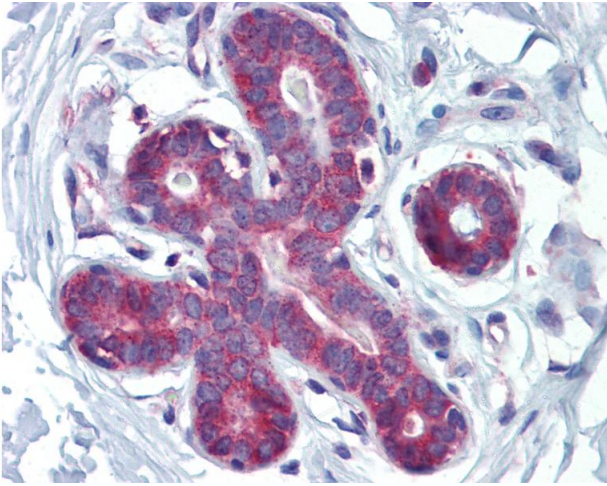
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Breast (formalin-fixed, paraffin-embedded) stained with HOXA5 antibody ABIN462218 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Kidney (formalin-fixed, paraffin-embedded) stained with HOXA5 antibody ABIN462218 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-HOXA5 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...