



# Anti-HDAC6 monoclonal antibody, clone FQS2709(3 (DCABH-2741)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to HDAC6
<b>Antigen Description</b>	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.
<b>Immunogen</b>	Synthetic peptide corresponding to residues near the N-terminus in Human HDAC6 (UniProt ID: Q9UBN7).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Monkey
<b>Clone</b>	FQS2709(3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, ICC/IF, IP
<b>Positive Control</b>	HeLa, Jurkat, K562, and COS-1 cell lysates, Human kidney tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA

**Storage** store at -20°C. Avoid freeze / thaw cycles.

**Ship** Shipped at 4°C.

## GENE INFORMATION

**Gene Name** [HDAC6 histone deacetylase 6 \[ Homo sapiens \]](#)

**Official Symbol** HDAC6

**Synonyms** HDAC6; histone deacetylase 6; FLJ16239; HD6; JM21; KIAA0901;

**Entrez Gene ID** [10013](#)

**Protein Refseq** [NP\\_006035](#)

**UniProt ID** [A0A024QZ26](#)

**Chromosome Location** Xp11.23

**Pathway** Cell cycle, organism-specific biosystem; NOTCH1 Intracellular Domain Regulates Transcription, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH1, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; Signaling events mediated by HDAC Class II, organism-specific biosystem;

**Function** Hsp90 protein binding; NAD-dependent histone deacetylase activity (H3-K14 specific); NAD-dependent histone deacetylase activity (H3-K9 specific); NAD-dependent histone deacetylase activity (H4-K16 specific); actin binding; alpha-tubulin binding; beta-cate